Alpha
Consulting Engineers Pte Ltd

PROJECT QUALITY PLAN

PROPOSED DEVELOPMENT OF A NURSING HOME AT TAMPINES STREET 62, SINGAPORE

For

MOH HOLDINGS PTE LTD

Copy No.	1

Prepared By : Lim Chai Hoon / Ang Wee Loong

Authorised By : Loh Fook Yuen

Date : 7 February 2022

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SECTION 1

QUALITY PLAN CONTROL AND DISTRIBUTION

1.1 List of Copy Holders

Copy No.	Copy Holder	Date of Issue
1	6279-PQP	7 February 2022

1.2 Revision Record

Revision	Date of Issue	Section Reference	Page(s)	Remarks
0	10 May 2019	1 to 11	30	
1	7 November 2019	1 to 11	30	
2	21 January 2021	1 to 11	30	
3	23 September 2021	1 to 11	30	
4	7 February 2022	1 to 11	30	+ 40 pages (Section 4.1 – Overall Programme)

SECTION 2

PROJECT INFORMATION

2.1 Project Description

Type of Development	Nursing Home

Statistics of Development	
Site Area, m²	4000
Nett Floor Area, m²	-
Gross Floor Area, m²	11267
Covered Carpark, m²	-
No. of Covered Carpark Lots	17
No. of Apartments/Houses	NA
No. of Beds (for Hospitals)	277
No. of Guestroom (for Hotels)	NA
No. of Blocks / No. of Storeys	1 Block/9-Storey
Green Mark Category	Certified
No. of Phases	1

2.2 Project Cost

M&E Services Cost Plan (S$ x 1M)										
Services	EI	ACMV	LI	FFAI	PSI					
Estimate	2.75	0.85	0.8	0.95	1.95					
Awarded	3.658	0.646	0.665	0.936441	2.20293					

Total Project Construction Cost (S$ x1M)			
	Site Clearance	Piling Works	Main Contract
Estimate	-	-	-
Awarded	-	-	33

Site Clearance shall include earth work, soil improvement, service diversion and termination.

2.3 Scope of Works

2.3.1 Scope of Consultancy Services

Conceptual/Schematic Design	✓
Detailed Design	✓
Tender Documentation	✓
Tender Evaluation	✓
Contract Supervision	✓
M&E Costing	✓
Submissions to Authority	✓

(✓*where applicable*)

2.3.2 Scope of M&E Services

ELECTRICAL	✓	AIR CONDITIONING	✓	SPRINKLER	✓	SANITARY	✓	SWIMMING POOL	
LIFT	✓	MECHANICAL VENTILATION	✓	FIRE ALARM	✓	COLD WATER	✓	STEAM BOILER	
ESCALATOR		MECHANICAL SMOKE EXTRACT		HOSEREEL	✓	HOT WATER	✓	FUEL STORAGE	
SECURITY	✓	COMPUTER A/C	✓	WET RISER		TOWN GAS	✓		
TELELIFT		BST CARPARK EXH		DRY RISER	✓	LPG GAS			
DATA COMM.	✓	HEATING				MEDICAL GAS			
FLUSHFLOOR TRUNKING						WASTEWATER TREATMENT			

(✓*where applicable*)

2.3.3 Submission to Relevant Authorities by Others

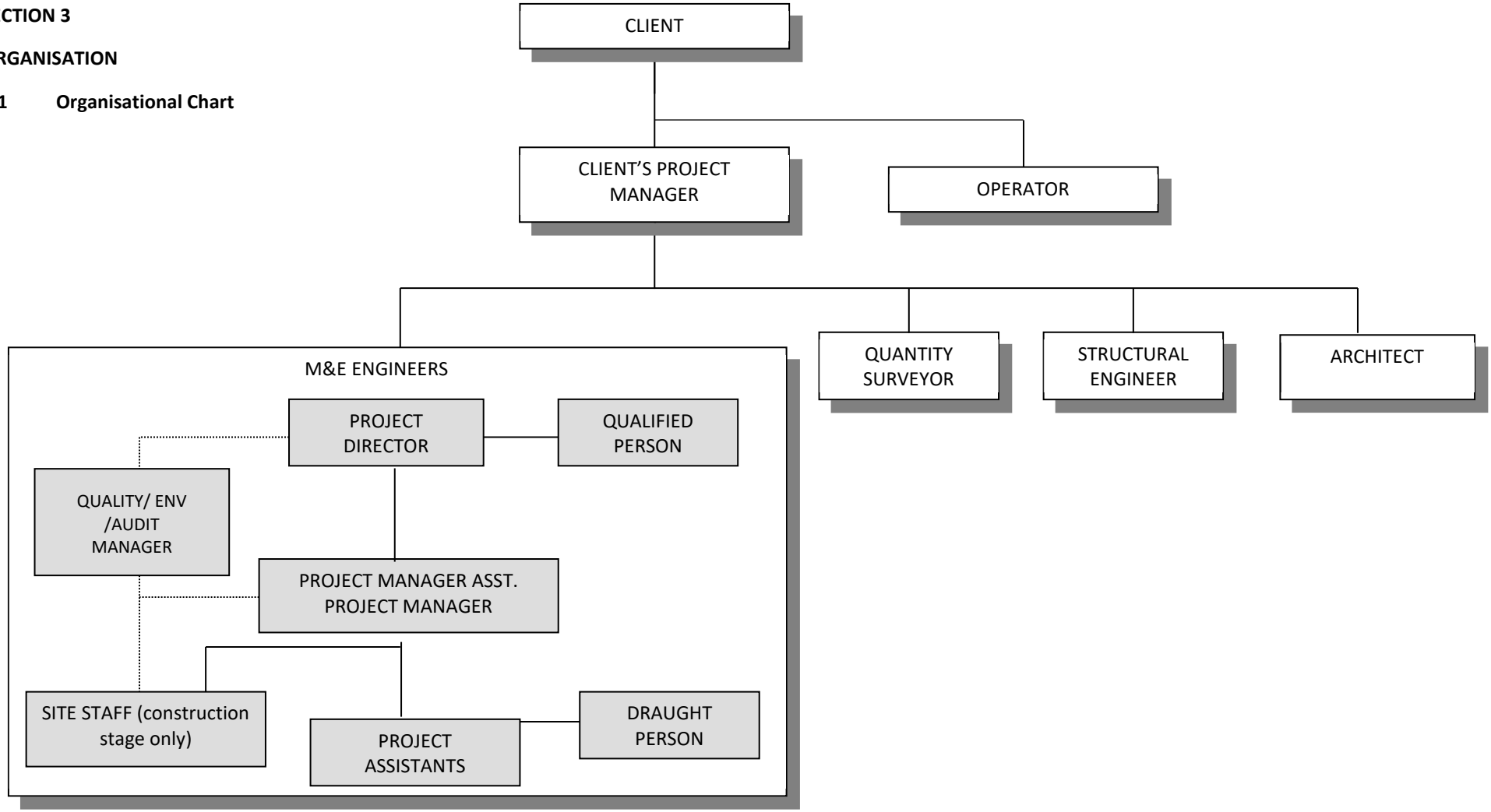
EJECTOR & DIVERTER		SUMP PUMP		FUEL OIL TANK		LIFT & ESCALATOR	✓	PRESSURE VESSEL		HOISTS		FOAM	

(✓*where applicable*)

SECTION 3

ORGANISATION

3.1 Organisational Chart



SECTION 3

ORGANISATION

3.2 ACEPL's Project Team Member

TITLE		NAME
Project Director		Loh Fook Yuen (LFY)
Qualified Person	Mechanical	Choong Choon Guan (CCG)
	Electrical	Loh Fook Yuen (LFY)
Project Manager		Lim Chai Hoon (LCY)
Assistant Project Manager		Ang Wee Loong (AWL)
Project Assistant (Mech)		-
Project Assistant (Elect)		-
Draughtsperson		Common Pool
Resident Engineer (M&E)		–
Resident Technical Officer (M&E)		Goh Yew Seng (GYS)
Clerk-of-Work (M&E)		–

3.3 Client/Client's Representatives

Client: MOH Holdings Pte Ltd

Address: 1 Maritime Square (Lobby C)
Singapore 099253

Tel: 6622 0980

Fax: 6720 0980

Client's Representatives:-

Name of Company	Contact Person	Contact
MOH Holding Pte Ltd	Name: Mr Brian Lim Position: Assistant Director	Tel: 6818 1238 Fax: 6720 0980 Handphone: – Email: brian.lim@mohh.com.sg
MOH Holding Pte Ltd	Name: Ms Jamie Oh Hwee Chen Position: Development Manager	Tel: 6818 1280 Fax: 6720 0980 Handphone: – Email: jamie.oh@mohh.com.sg
	Name: Position:	Tel: Fax: Handphone: Email:
	Name: Position:	Tel: Fax: Handphone: Email:
	Name: Position:	Tel: Fax: Handphone: Email:

3.4 **Other Consultants** (Local)

Function / Name of Company	Contact Person	Contact
Architect MKPL Architects Pte Ltd	Name: Ms Phan Pit Li Position: Director	Tel: 6202 4204 Fax: 6223 4233 Handphone: – Email: plphan@mkpl.com.sg
Quantity Surveyor CPG Consultants Pte ltd	Name: Ms Cassandra Tan Position: Principal Quantity Surveyor	Tel: 63574676 Fax: 6357 4668 Handphone: – Email: cassandrazhu@cpgcorp.com.sg
Structural Engineer KTP Consultants Pte Ltd	Name: Ms Foo Huey Shyan Position: Associate	Tel: 6839 7459 Fax: 6273 8454 Handphone: – Email: hueyshyan.foo@ktpworld.com
Planning & Construction Manager SIPM Consultants Pte Ltd	Name: Mr Park Hyun Jae Position: Senior Executive Project Manager	Tel: 68397333 Fax: – Handphone: 97233690 Email: hyunjae.park@sipmconsultants.com
Interior Designer MKPL Architects Pte Ltd	Name: Ms Phan Pit Li Position: Director	Tel: 6202 4204 Fax: 6223 4233 Handphone: – Email: plphan@mkpl.com.sg
Acoustic Consultant Arup Singapore Pte Ltd	Name: Ink Song Position: Consultant	Tel: 6411 2500 Fax: 6411 2501 Handphone: – Email: ink.song@arup.com
Computational Fluid Dynamic (CFD) Consultant -	Name: Mr Po Woei Ken Position: Associate Director	Tel: 6560 0702 Fax: – Handphone: 9863 9363 Email: powk@bsd.com.sg
Design for Safety Professional Consultant PH Consulting Pte Ltd	Name: Er Edwin Ang Kok Heong Position: Design Manager	Tel: 6353 3392 Fax: 6354 3639 Handphone: – Email: edwinang@phconsult.com.sg
Environmentally Sustainable Design Consultant -	Name: Mr Po Woei Ken Position: Associate Director	Tel: 6560 0702 Fax: – Handphone: 9863 9363 Email: powk@bsd.com.sg

3.4 Other Consultants (Local) (Cont'd)

Function / Name of Company	Contact Person	Contact
Landscape Design Consultant Salad Dressing Pte Ltd	Name: Kweh Jin Teck Position: Senior Project Manager	Tel: 6223 7330 Fax: 6220 0021 Handphone: – Email: jinteck@saladlandscape.com
Laundry Consultant ArtiZen Pte Ltd	Name: Winston Tan Position: Senior Project Manager	Tel: 6749 6880 Fax: 6749 1516 Handphone: – Email: Winston.tan@artizen.com.sg
Signage and Wayfinding Consultant MKPL Architects Pte Ltd	Name: Ms Phan Pit Li Position: Director	Tel: 6202 4204 Fax: 6223 4233 Handphone: – Email: plphan@mkpl.com.sg
Traffic Consultant TSM Consultancy Pte Ltd	Name: Ms Emily Tan Position: Managing Director	Tel: 6466 8277 Fax: 6384 9936 Handphone: – Email: emily@tsmconsultancy.com

3.4 Other Consultants (Overseas) – **NOT APPLICABLE**

Function / Name of Company	Contact Person	Contact
Architect	Name: Position:	Tel: Fax: Handphone: Email:
M&E Consultant	Name: Position:	Tel: Fax: Handphone: Email:
Quantity Surveyor	Name: Position:	Tel: Fax: Handphone: Email:
Structural Engineer	Name: Position:	Tel: Fax: Handphone: Email:
Interior Designer	Name: Position:	Tel: Fax: Handphone: Email:
Lighting Consultant	Name: Position:	Tel: Fax: Handphone: Email:
Acoustic Consultant	Name: Position:	Tel: Fax: Handphone: Email:

3.5 Contractors/Sub-Contractors

Function / Name of Company	Contract *	Contact Person	Contact
Main Contractor Wan Chung Construction Pte. Ltd.	NSC	Name: Seow Cheng Watt Position: Project Manager	Tel: 6291 2752 Fax: 6291 2673 Handphone: – Email: cw_seow@wanchung.com.sg
Air Conditioning & Ventilation Installation Sub-Contractor D.I.S. Airconditioning & Electrical Pte Ltd	DSC	Name: Karuna Position: Senior Project Manager	Tel: – Fax: – Handphone: 8233 7831 Email: karuna@dis-aircon.com.sg
Plumbing & Sanitary Installation Sub-Contractor NTH Construction Pte Ltd	DSC	Name: Fabian Ng Position: Project Manager	Tel: – Fax: – Handphone: 9665 3858 Email: nthnth@singnet.com.sg
Electrical Installation Sub-Contractor Kurihara Kogyo Co Ltd	DSC	Name: Richard Chan Position: Project Manager	Tel: 6271 9863 Fax: – Handphone: 9171 4829 Email: richardchan@kurihara.com.sg
Lift & Escalator Installation Sub-Contractor Otis Elevator	DSC	Name: Stanley Fong Position: Senior Sales Manager	Tel: 6298 7733 Fax: – Handphone: 9383 1286 Email: Stanley.Fong@otis.com
Fire Fighting & Alarm Installation Sub-Contractor RICO Engineering Works Pte Ltd	DSC	Name: Jasmond Chua Position: Project Director	Tel: – Fax: – Handphone: 9114 0663 Email: jasmond@ricoeng.com.sg
		Name: Position:	Tel: Fax: Handphone: Email:
		Name: Position:	Tel: Fax: Handphone: Email:
_____		Name: Position:	Tel: Fax: Handphone: Email:

** Type of Contract*
- *NSC (Nominated Sub-Contract)*
- *DSC (Domesticated Sub-Contract)*
- *DC (Direct Contract)*
- *NS (Nominated Supplier)*

3.6 Authorities

Authorities/Department	Contact Person	Tel/Fax Nos./E-mail
SP PowerGrid:		
(a) Sub-Station	Mr Abbas Mohd Supian	6916 8557 / abbasmohdsupiah@spgroup.com.sg
(b) Diversion		
SP Services:		
(a) Customer Supply		
(b) Installation		
(c) Meter Section		
(d) Road Lighting		
TFCC:		
(a) SCV		
(b) SingTel		
(c) IMDA	Mr Seah Koon Chye	6211 1751 / seah_koon_chye@imda.gov.sg
BCA:		
(a) Building Plan		
(b) Green Mark		
FSSD:		
(a) Building Plan		
(b) M&E Plan		
PUB (Water Supply) Network Dept:		
(a) Water Conservation		
(b) Plumbing Plan		
(c) Diversion		
(d) NEWater		
(e) Water Supply Network	Ms Nazilah Sapuan	6885 2535 / nazilah_sapuan@pub.gov.sg
PUB Water Reclamation (Network) Dept:		
(a) Building Plan/CBPU		
(b) M&E Plan		
(c) Diversion		
City Gas Pte Ltd:		
(a) Planning/Submission	Ms Eileen Loh Yi Ling	6578 7867 / eileenloh@citygas.com.sg
(b) Installation/Inspection		
PowerGas Pte Ltd		
(a) Diversion		
NEA (Pollution Control)		
(a) Planning/Submission		
(b) Inspection		

SECTION 4

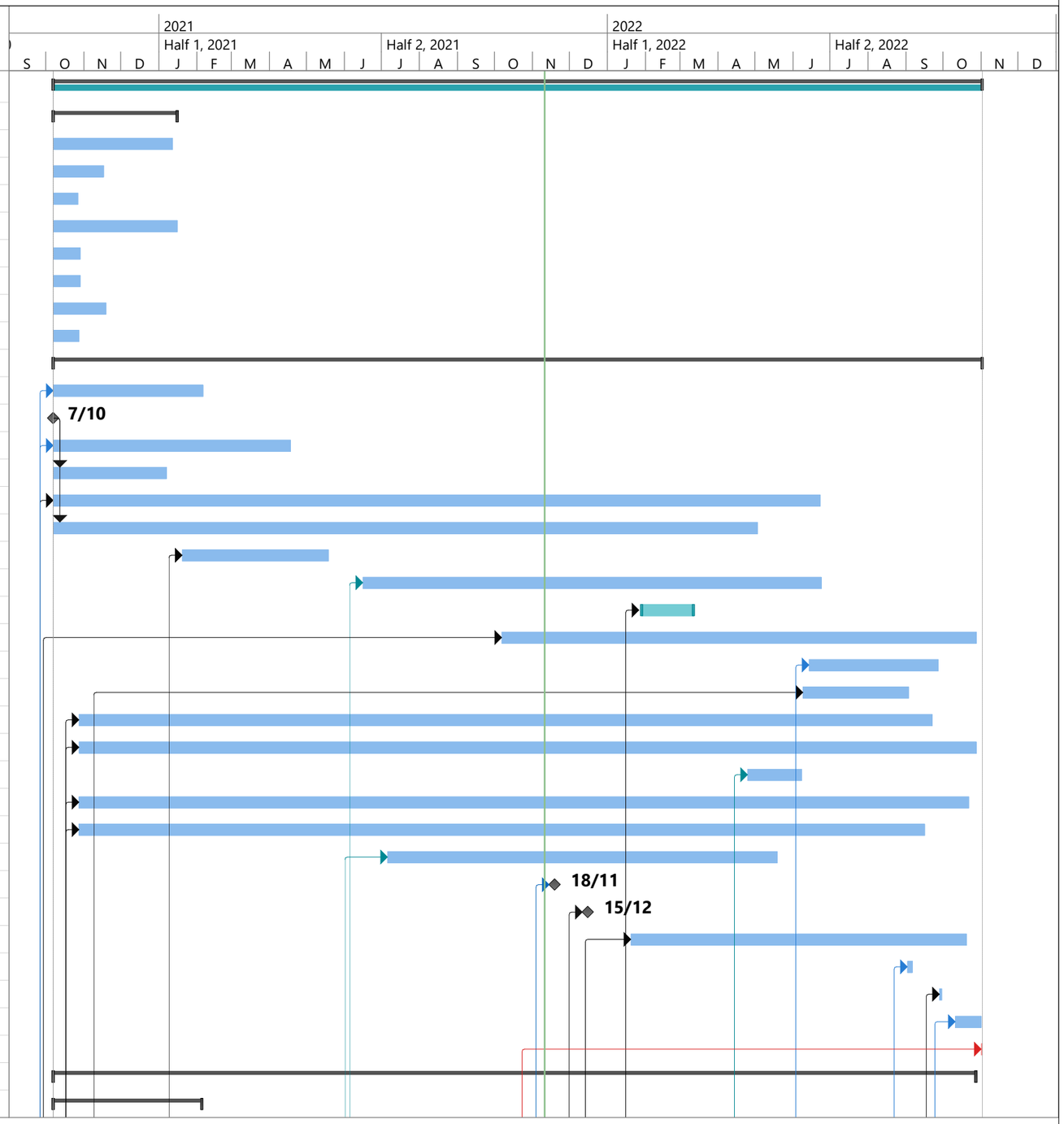
PROGRAMME

4.1 Overall Programme – Refer to Attached Programme

ID	TASK NAME	MONTHS	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
1.	Preliminary Planning																									
2.	Planning Submission																									
3.	Detail Design																									
4.	BP Submission																									
5.	BP Submission (Amendments)																									
6.	Tender Period for Piling																									
7.	Tender Period for Sub-Structure																									
8.	Tender Period for Super-Structure																									
9.	Piling Period																									
10.	Sub-Structure Construction Period																									
11.	Super-Structure Construction Period																									
12.	TOP																									
13.	CSC																									

Revised Master Program - Proposed Development of A Nursing Home @ Tampines St 62

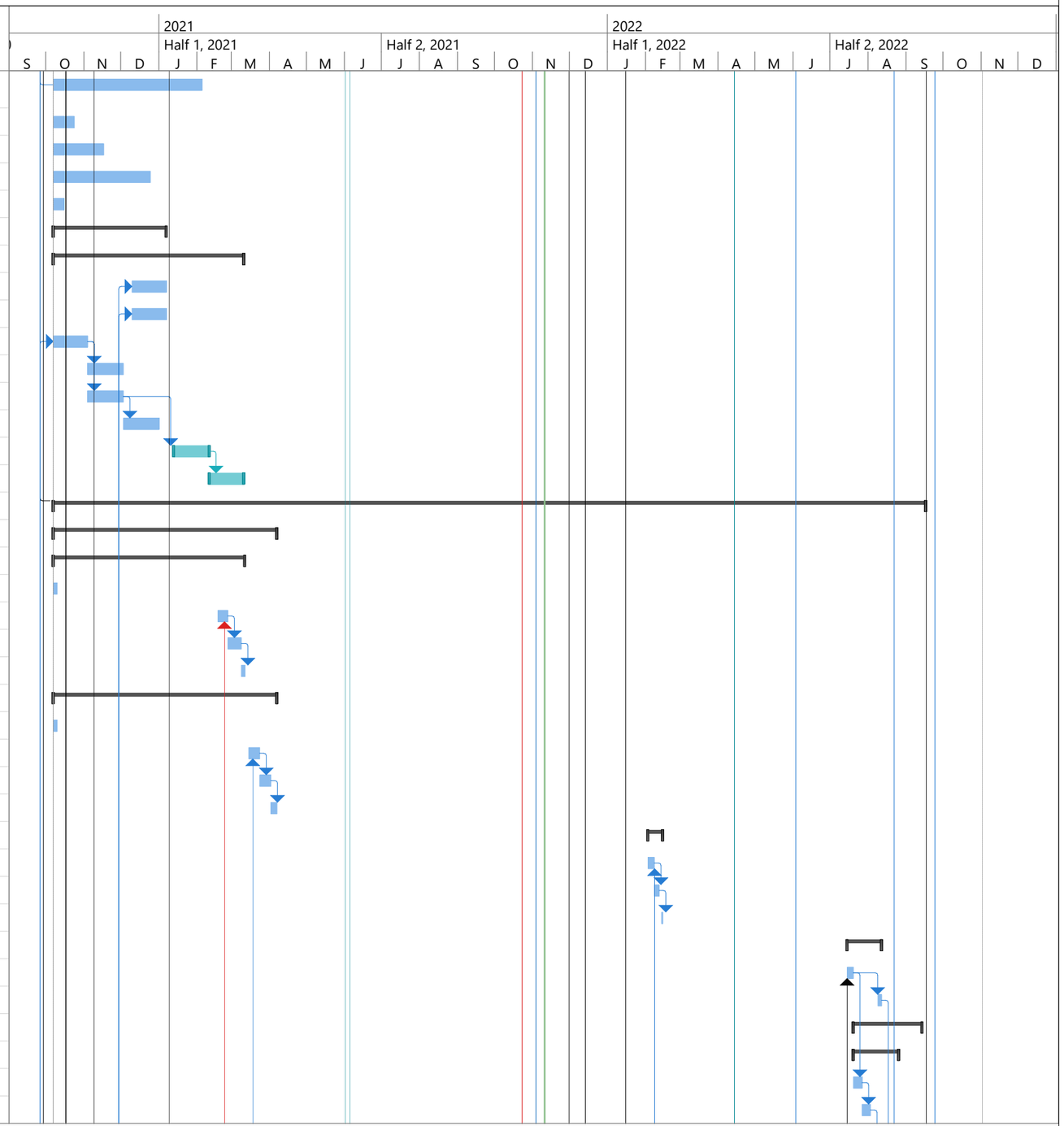
ID	Task Name	Duration	Start	Finish
1	**Proposed Development of A Nursing Home @ Tampines St 62**	**567 days**	**Wed 7/10/20**	**Tue 1/11/22**
2	**Authority Submissions**	**75 days**	**Wed 7/10/20**	**Fri 15/1/21**
3	TOL Land Application	71 days	Wed 7/10/20	Mon 11/1/21
4	PUB Clearance on ECM	30 days	Wed 7/10/20	Mon 16/11/20
5	LTA & HDB Site Access Clearance	15 days	Wed 7/10/20	Mon 26/10/20
6	NEA Noise & Dust Management Plan Submission	75 days	Wed 7/10/20	Fri 15/1/21
7	BCA Covid-Safe Start Work	17 days	Wed 7/10/20	Wed 28/10/20
8	BCA Permit To Commence Structural Works	17 days	Wed 7/10/20	Wed 28/10/20
9	BCA ERSS Submission	32 days	Wed 7/10/20	Wed 18/11/20
10	NEA Clearance (temporary Sanitary connection/diversion)	16 days	Wed 7/10/20	Tue 27/10/20
11	**Project Key Dates (Details in individual breakdown trade)**	**567 days**	**Wed 7/10/20**	**Tue 1/11/22**
12	Preliminary Works	90 days	Wed 7/10/20	Fri 5/2/21
13	Project Commencement Date	0 days	Wed 7/10/20	Wed 7/10/20
14	CBP & CSD Submissions & Approval	143 days	Wed 7/10/20	Sat 17/4/21
15	Bored Piling Works	68 days	Wed 7/10/20	Wed 6/1/21
16	Tower Crane & Passenger Hoist	473 days	Wed 7/10/20	Wed 22/6/22
17	Precast Shopdrawing & Fabrication	435 days	Wed 7/10/20	Mon 2/5/22
18	Substructural Works	89 days	Wed 20/1/21	Tue 18/5/21
19	Superstructural Works	284 days	Wed 16/6/21	Thu 23/6/22
20	Mock-Ups	33 days	Sat 29/1/22	Fri 11/3/22
21	Architecutural Works	284 days	Thu 7/10/21	Thu 27/10/22
22	Exterior / External Plastering	75 days	Tue 14/6/22	Mon 26/9/22
23	Lift Works	62 days	Thu 9/6/22	Fri 2/9/22
24	Fire Protection Works	522 days	Wed 28/10/20	Wed 21/9/22
25	S&P Works	548 days	Wed 28/10/20	Thu 27/10/22
26	Sewer Connection Works	34 days	Mon 25/4/22	Tue 7/6/22
27	ACMV Works	544 days	Wed 28/10/20	Fri 21/10/22
28	Electrical Works	518 days	Wed 28/10/20	Thu 15/9/22
29	ESS Works (UPS)	241 days	Tue 6/7/21	Wed 18/5/22
30	ESS Handover Date	0 days	Thu 18/11/21	Thu 18/11/21
31	MDF room Handover Date	0 days	Wed 15/12/21	Wed 15/12/21
32	Common Area / External Works	201 days	Thu 20/1/22	Wed 19/10/22
33	Combined T&C	2 days	Fri 2/9/22	Mon 5/9/22
34	RI Inspection	2 days	Wed 28/9/22	Thu 29/9/22
35	TOP Inspection & Obtainment	15 days	Tue 11/10/22	Mon 31/10/22
36	Handover	1 day	Tue 1/11/22	Tue 1/11/22
37	**Construction Activities**	**564 days**	**Wed 7/10/20**	**Thu 27/10/22**
38	**Preliminaries**	**89 days**	**Wed 7/10/20**	**Thu 4/2/21**



Revised Master Schedule Rev-1
Date: 11 November 2021

Task	Inactive Task	Manual Summary Rollup	External Milestone	Manual Progress
Split	Inactive Milestone	Manual Summary	Deadline	
Milestone	Inactive Summary	Start-only	Critical	
Summary	Manual Task	Finish-only	Critical Split	
Project Summary	Duration-only	External Tasks	Progress	

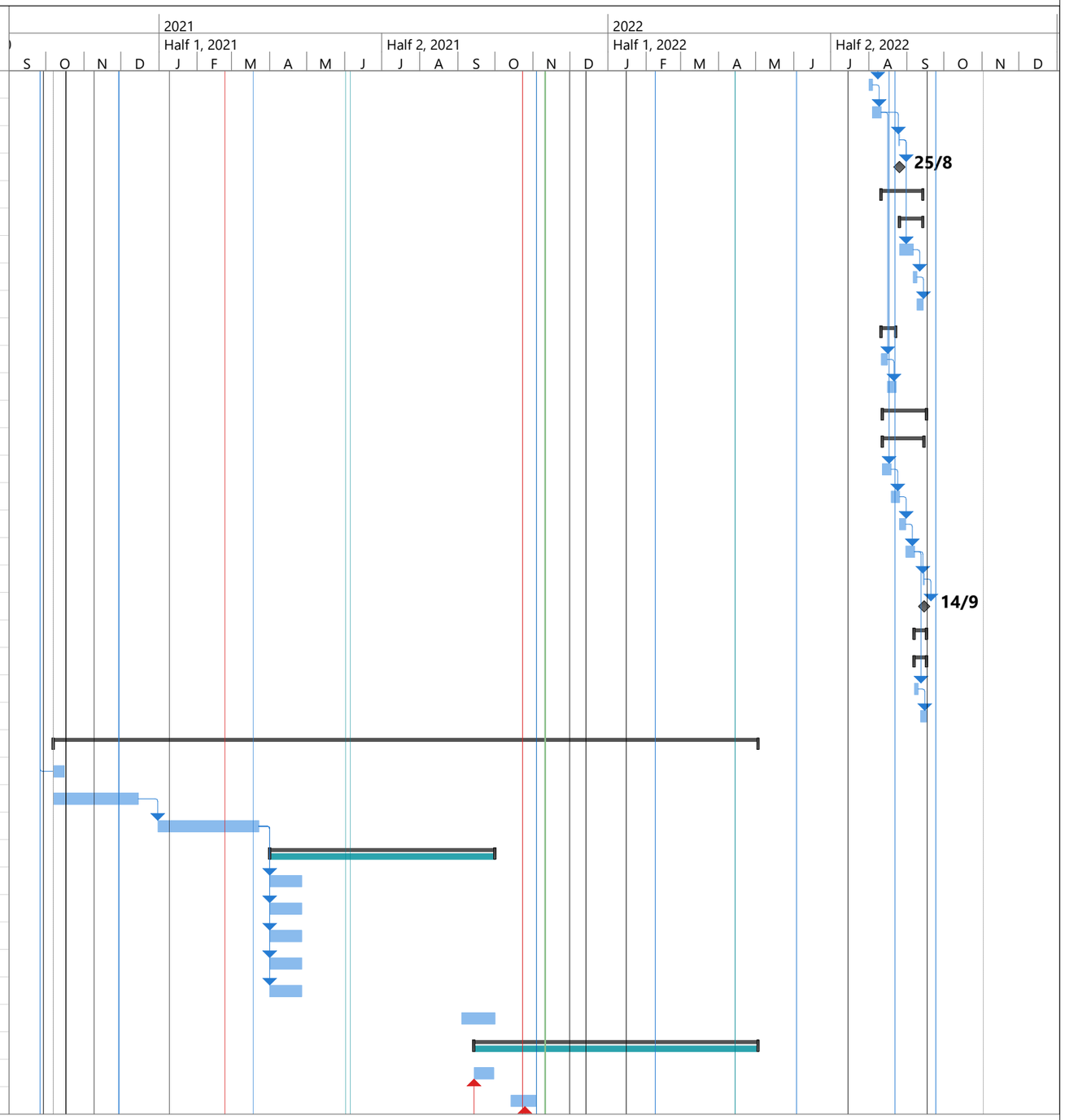
ID	Task Name	Duration	Start	Finish
39	Set up facilities (site office, road entrance, hoarding/noise barrier, ECM, washing bay, guard house etc)	89 days	Wed 7/10/20	Thu 4/2/21
40	Cable Detection Survey	14 days	Wed 7/10/20	Fri 23/10/20
41	Pre-Computation Plan	30 days	Wed 7/10/20	Mon 16/11/20
42	Award of M&E Subcontractors	58 days	Wed 7/10/20	Thu 24/12/20
43	Instrumentation Set-up	7 days	Wed 7/10/20	Thu 15/10/20
44	Piling Works including pile tests	68 days	Wed 7/10/20	Wed 6/1/21
52	**ST Submissions**	**114 days**	**Wed 7/10/20**	**Wed 10/3/21**
53	Permit to commence ERSS	21 days	Thu 10/12/20	Wed 6/1/21
54	ERSS For Inspection chambers / Manholes >1.5m Depth	21 days	Thu 10/12/20	Wed 6/1/21
55	Permit to commence Precast Works	21 days	Wed 7/10/20	Tue 3/11/20
56	Windows/ Façade	21 days	Wed 4/11/20	Wed 2/12/20
57	Railing Staircase & Other Area Railings (Barrier)	21 days	Wed 4/11/20	Wed 2/12/20
58	Gondola System	21 days	Thu 3/12/20	Thu 31/12/20
59	Linkway / Trellis	21 days	Wed 13/1/21	Wed 10/2/21
60	2nd Storey Steel Canopies	21 days	Thu 11/2/21	Wed 10/3/21
61	**Tower Crane & Passenger Hoist**	**535 days**	**Wed 7/10/20**	**Fri 16/9/22**
62	**Tower Crane Erection**	**133 days**	**Wed 7/10/20**	**Tue 6/4/21**
63	Tower Crane 1 (TC1)	115 days	Wed 7/10/20	Thu 11/3/21
64	Piling	3 days	Wed 7/10/20	Fri 9/10/20
65	Pilecap	7 days	Thu 18/2/21	Thu 25/2/21
66	Mechanical Erection	7 days	Fri 26/2/21	Mon 8/3/21
67	PE Inspection & loading Test	3 days	Tue 9/3/21	Thu 11/3/21
68	Tower Crane 2 (TC2)	133 days	Wed 7/10/20	Tue 6/4/21
69	Piling	3 days	Wed 7/10/20	Fri 9/10/20
70	Pilecap	7 days	Mon 15/3/21	Tue 23/3/21
71	Mechanical Erection	7 days	Wed 24/3/21	Thu 1/4/21
72	PE Inspection & Loading Test	3 days	Fri 2/4/21	Tue 6/4/21
73	**Passenger Hoist Installation**	**9 days**	**Thu 3/2/22**	**Mon 14/2/22**
74	Hoist RC Base	4 days	Thu 3/2/22	Mon 7/2/22
75	Hoist Mast	4 days	Tue 8/2/22	Fri 11/2/22
76	T&C for Hoist to Start	1 day	Mon 14/2/22	Mon 14/2/22
77	**Tower Crane Dismantling**	**20 days**	**Fri 15/7/22**	**Thu 11/8/22**
78	Tower Crane 1 (TC1)	3 days	Fri 15/7/22	Tue 19/7/22
79	Tower Crane 2 (TC2)	3 days	Tue 9/8/22	Thu 11/8/22
80	**Reinstatement Work After TC1 Dismantling**	**40 days**	**Wed 20/7/22**	**Tue 13/9/22**
81	Structural Works	27 days	Wed 20/7/22	Thu 25/8/22
82	Lean Concrete, Anti-Termite & Waterproofing	5 days	Wed 20/7/22	Tue 26/7/22
83	1st Sty Casting (including curing)	5 days	Wed 27/7/22	Tue 2/8/22



Revised Master Schedule Rev-1
Date: 11 November 2021

Task	Inactive Task	Manual Summary Rollup	External Milestone	Manual Progress
Split	Inactive Milestone	Manual Summary	Deadline	
Milestone	Inactive Summary	Start-only	Critical	
Summary	Manual Task	Finish-only	Critical Split	
Project Summary	Duration-only	External Tasks	Progress	

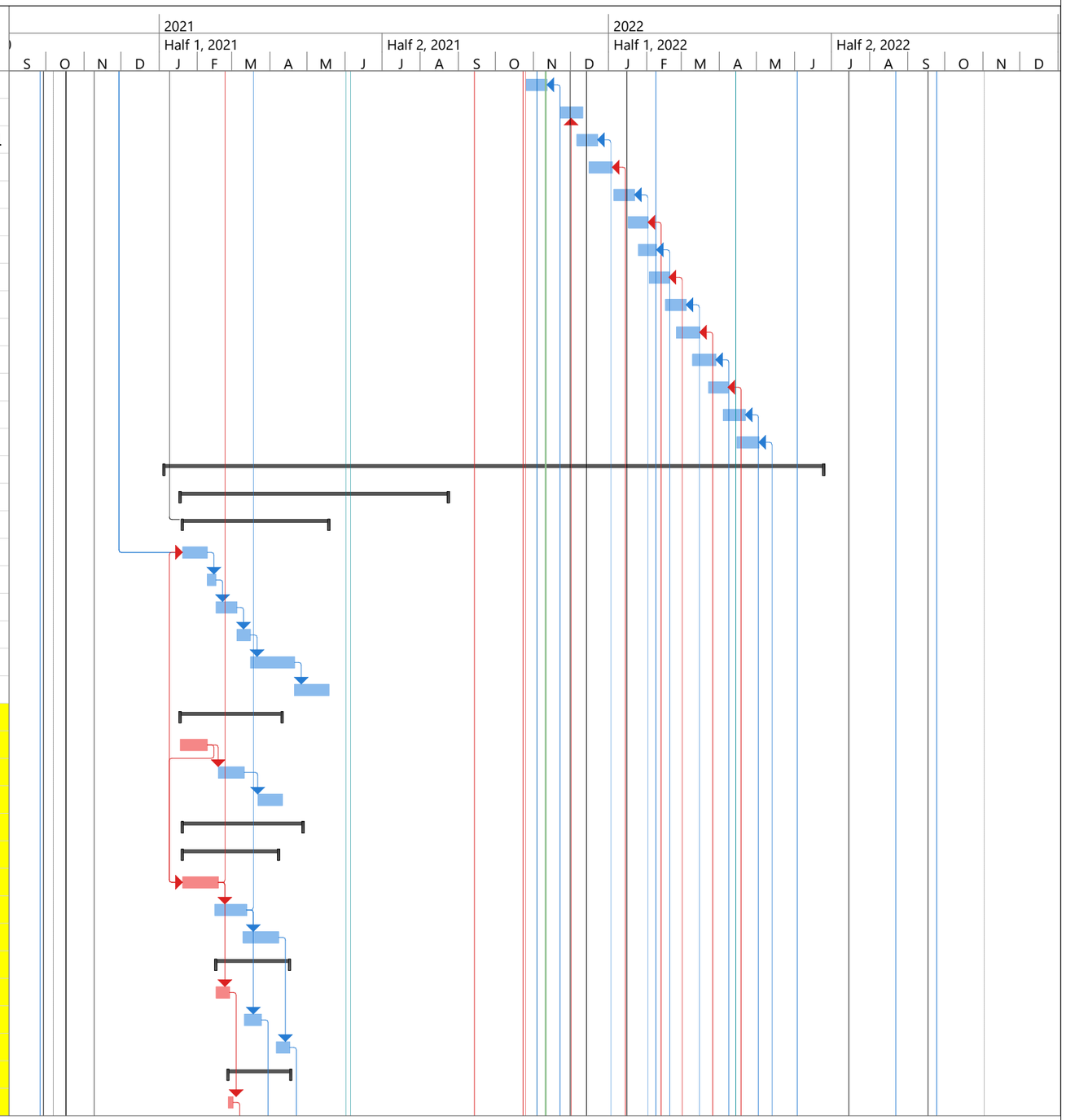
ID	Task Name	Duration	Start	Finish
84	Scaffold, Formwork & 2nd Sty Scaffold	3 days	Mon 1/8/22	Wed 3/8/22
85	2nd Sty Casting (including curing)	5 days	Thu 4/8/22	Wed 10/8/22
86	Dismantling of Scaffold & Propping	1 day	Thu 25/8/22	Thu 25/8/22
87	Structural Work Reinstatement Completion	0 days	Thu 25/8/22	Thu 25/8/22
88	Architectural Works	24 days	Thu 11/8/22	Tue 13/9/22
89	1st Sty	13 days	Fri 26/8/22	Tue 13/9/22
90	Self Levelling Screed & Vinyl Tile	7 days	Fri 26/8/22	Mon 5/9/22
91	M&E Works (Lightings, Sprinklers affected by opening	3 days	Tue 6/9/22	Thu 8/9/22
92	Ceiling Works	3 days	Fri 9/9/22	Tue 13/9/22
93	2nd Sty	8 days	Thu 11/8/22	Mon 22/8/22
94	Waterproofing & Screeding	3 days	Thu 11/8/22	Mon 15/8/22
95	Granolithic & Cobble Stones & Planting	5 days	Tue 16/8/22	Mon 22/8/22
96	**Reinstatement Work After TC2 Dismantling**	**26 days**	**Fri 12/8/22**	**Fri 16/9/22**
97	Structural Works	24 days	Fri 12/8/22	Wed 14/9/22
98	Lean Concrete, Anti-Termite & Waterproofing	5 days	Fri 12/8/22	Thu 18/8/22
99	1st Sty Premix	5 days	Fri 19/8/22	Thu 25/8/22
100	Scaffold, Formwork & 2nd Sty Scaffold	3 days	Fri 26/8/22	Tue 30/8/22
101	2nd Sty Casting (including curing)	5 days	Wed 31/8/22	Tue 6/9/22
102	Dismantling of Scaffold & Propping	1 day	Wed 14/9/22	Wed 14/9/22
103	Structural Work Reinstatement Completion	0 days	Wed 14/9/22	Wed 14/9/22
104	Architectural Works	8 days	Wed 7/9/22	Fri 16/9/22
105	2nd Sty	8 days	Wed 7/9/22	Fri 16/9/22
106	Waterproofing & Screeding	3 days	Wed 7/9/22	Fri 9/9/22
107	Granolithic & Cobble Stones & Planting	5 days	Mon 12/9/22	Fri 16/9/22
108	**Precast Shopdrawings & Fabrication**	**435 days**	**Wed 7/10/20**	**Mon 2/5/22**
109	**Precast Installation Trade Demo (2nd Sty)**	**7 days**	**Wed 7/10/20**	**Thu 15/10/20**
110	SFL & FFL Submission (1st to roof sty)	50 days	Wed 7/10/20	Mon 14/12/20
111	Precast Shopdrawing Submission	60 days	Thu 31/12/20	Mon 22/3/21
112	**Precast Mould Fabrication**	**147 days**	**Thu 1/4/21**	**Thu 30/9/21**
113	Precast Staircase/ Refuse Chute Mould Fabrication	21 days	Thu 1/4/21	Mon 26/4/21
114	Precast Column Mould Fabrication	21 days	Thu 1/4/21	Mon 26/4/21
115	Precast Lift & Staircase Wall Mould Fabrication	21 days	Thu 1/4/21	Mon 26/4/21
116	Precast Beam Mould Fabrication	21 days	Thu 1/4/21	Mon 26/4/21
117	Precast Planks/ Slab Mould Fabrication	21 days	Thu 1/4/21	Mon 26/4/21
118	Precast Façade / Parapet Mould Fabrication	21 days	Sat 4/9/21	Thu 30/9/21
119	**Precast Production**	**173 days**	**Tue 14/9/21**	**Mon 2/5/22**
120	2nd Storey Precast Components - Zone A	13 days	Tue 14/9/21	Wed 29/9/21
121	2nd Storey Precast Components - Zone B	15 days	Thu 14/10/21	Tue 2/11/21



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Manual Progress

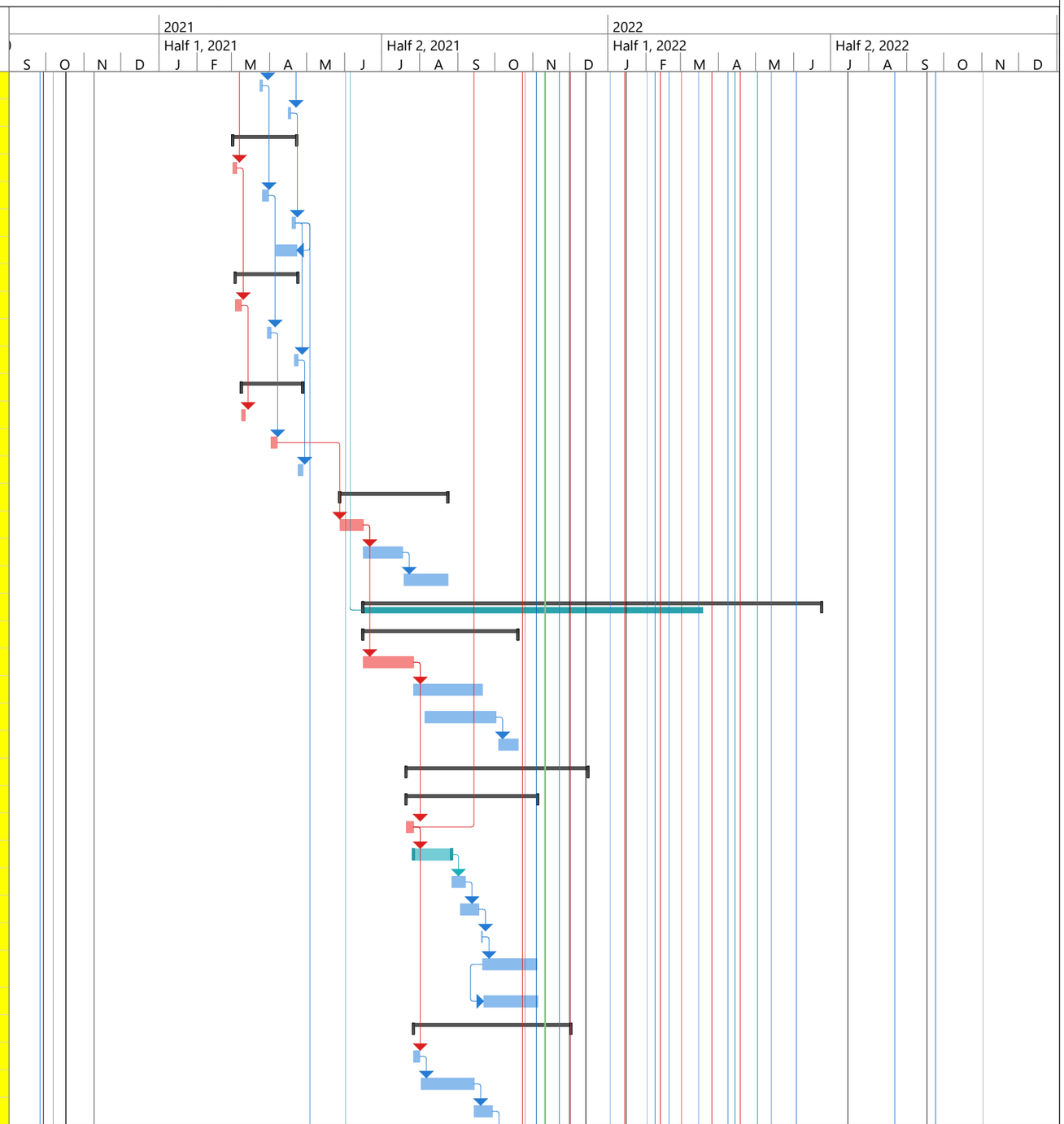
ID	Task Name	Duration	Start	Finish
122	3rd Storey Precast Components - Zone A	13 days	Tue 26/10/21	Thu 11/11/21
123	3rd Storey Precast Components - Zone B	14 days	Tue 23/11/21	Fri 10/12/21
124	4th Storey Precast Components - Zone A	13 days	Mon 6/12/21	Wed 22/12/21
125	4th Storey Precast Components - Zone B	13 days	Thu 16/12/21	Mon 3/1/22
126	5th Storey Precast Components - Zone A	13 days	Wed 5/1/22	Fri 21/1/22
127	5th Storey Precast Components - Zone B	13 days	Mon 17/1/22	Tue 1/2/22
128	6th Storey Precast Components - Zone A	13 days	Tue 25/1/22	Tue 8/2/22
129	6th Storey Precast Components - Zone B	13 days	Thu 3/2/22	Fri 18/2/22
130	7th Storey Precast Components - Zone A	13 days	Wed 16/2/22	Fri 4/3/22
131	7th Storey Precast Components - Zone B	14 days	Fri 25/2/22	Tue 15/3/22
132	8th Storey Precast Components - Zone A	14 days	Thu 10/3/22	Mon 28/3/22
133	8th Storey Precast Components - Zone B	13 days	Wed 23/3/22	Thu 7/4/22
134	9th Storey Precast Components - Zone A	14 days	Mon 4/4/22	Thu 21/4/22
135	9th Storey Precast Components - Zone B	13 days	Fri 15/4/22	Mon 2/5/22
136	**Structural Works**	**409 days**	**Tue 5/1/21**	**Fri 24/6/22**
137	**Substructure Work**	**171 days**	**Mon 18/1/21**	**Mon 23/8/21**
138	**Detention Tank Works**	**89 days**	**Wed 20/1/21**	**Tue 18/5/21**
139	Installation of Sheet Piles	14 days	Wed 20/1/21	Mon 8/2/21
140	Excavation to 1.5m depth	5 days	Tue 9/2/21	Mon 15/2/21
141	Installation of Waler & Strut	14 days	Tue 16/2/21	Thu 4/3/21
142	Excavation to 3.9m depth	7 days	Fri 5/3/21	Mon 15/3/21
143	Construction of pile caps	28 days	Tue 16/3/21	Tue 20/4/21
144	Construction of RC Detention Tank	21 days	Wed 21/4/21	Tue 18/5/21
145	**Excavation Works**	**62 days**	**Mon 18/1/21**	**Sat 10/4/21**
146	Zone A	16 days	Mon 18/1/21	Mon 8/2/21
147	Zone B	16 days	Thu 18/2/21	Wed 10/3/21
148	Zone C	16 days	Mon 22/3/21	Sat 10/4/21
149	**Pilecap Construction & IC/MH Construction**	**74 days**	**Wed 20/1/21**	**Tue 27/4/21**
150	Pilecap Construction	57 days	Wed 20/1/21	Wed 7/4/21
151	Zone A	21 days	Wed 20/1/21	Wed 17/2/21
152	Zone B	21 days	Mon 15/2/21	Fri 12/3/21
153	Zone C	21 days	Wed 10/3/21	Wed 7/4/21
154	IC/MH construction /Other U/G M&E Services	46 days	Tue 16/2/21	Fri 16/4/21
155	Zone A	10 days	Tue 16/2/21	Fri 26/2/21
156	Zone B	10 days	Thu 11/3/21	Wed 24/3/21
157	Zone C	10 days	Tue 6/4/21	Fri 16/4/21
158	Hydrostatic Test For Sanitary Pipes Prior to Haunching	38 days	Fri 26/2/21	Sat 17/4/21
159	Zone A	2 days	Fri 26/2/21	Mon 1/3/21



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Task	Inactive Task	Manual Summary Rollup	External Milestone	Manual Progress	
Split	Inactive Milestone	Manual Summary	Deadline		
Milestone	Inactive Summary	Start-only	Critical		
Summary	Manual Task	Finish-only	Critical Split		
Project Summary	Duration-only	External Tasks	Progress		

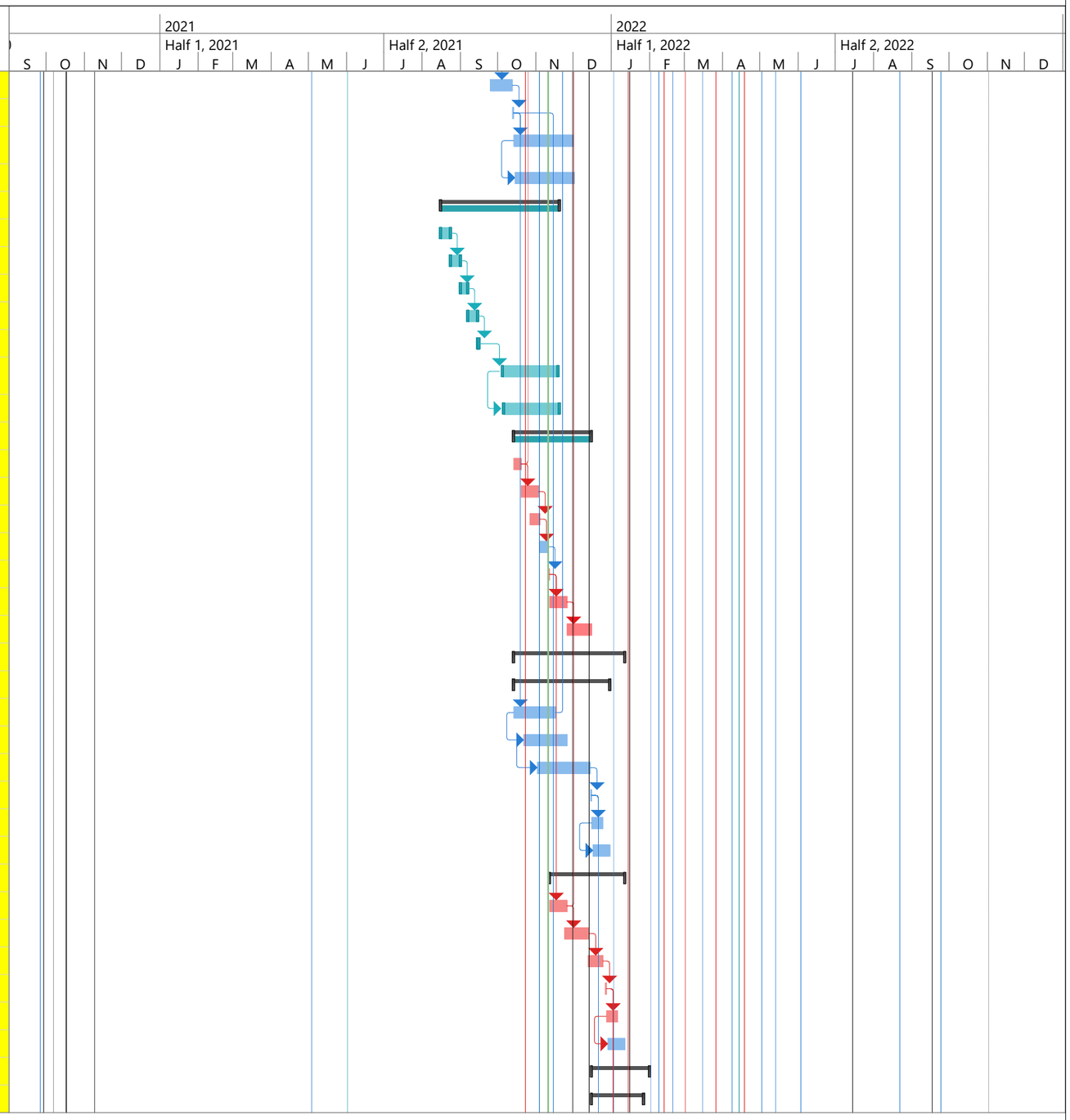
ID	Task Name	Duration	Start	Finish
160	Zone B	2 days	Wed 24/3/21	Thu 25/3/21
161	Zone C	2 days	Fri 16/4/21	Sat 17/4/21
162	Backfill, Compaction	40 days	Tue 2/3/21	Thu 22/4/21
163	Zone A	3 days	Tue 2/3/21	Thu 4/3/21
164	Zone B	3 days	Fri 26/3/21	Tue 30/3/21
165	Zone C	3 days	Mon 19/4/21	Wed 21/4/21
166	***U/G Fire Hydrant Installation - only at Zone C***	***15 days***	***Tue 6/4/21***	***Thu 22/4/21***
167	Anti-Termite /Lean Concrete to receive Waterproofing	39 days	Thu 4/3/21	Fri 23/4/21
168	Zone A	3 days	Thu 4/3/21	Mon 8/3/21
169	Zone B	3 days	Tue 30/3/21	Thu 1/4/21
170	ZoneC	3 days	Wed 21/4/21	Fri 23/4/21
171	Waterproofing & Protective Screed	39 days	Tue 9/3/21	Tue 27/4/21
172	Zone A	3 days	Tue 9/3/21	Thu 11/3/21
173	Zone B	3 days	Fri 2/4/21	Tue 6/4/21
174	Zone C	3 days	Sat 24/4/21	Tue 27/4/21
175	**1st Storey Slab & Beam Construction**	**72 days**	**Fri 28/5/21**	**Mon 23/8/21**
176	Zone A (GL 1 to 8/ A to D)	16 days	Fri 28/5/21	Tue 15/6/21
177	Zone B (GL 1 to 8/D to F)	28 days	Wed 16/6/21	Sat 17/7/21
178	Zone C (GL 9 to 18/ F to K)	28 days	Mon 19/7/21	Mon 23/8/21
179	**Superstructure Works**	**284 days**	**Wed 16/6/21**	**Thu 23/6/22**
180	**1st Storey Staircase/Columns/ RC Wall Construction**	**101 days**	**Wed 16/6/21**	**Tue 19/10/21**
181	Zone A (GL 1 to 8/ A to D)	35 days	Wed 16/6/21	Mon 26/7/21
182	Zone B (GL 1 to 8/C to F)	42 days	Tue 27/7/21	Mon 20/9/21
183	Zone C1 (GL 9 to 18/ F to K)	44 days	Thu 5/8/21	Fri 1/10/21
184	Zone C2 (GL 12 to 17/ E to K- Carpark Area))	14 days	Mon 4/10/21	Tue 19/10/21
185	**2nd Storey Superstructure**	**112 days**	**Wed 21/7/21**	**Wed 15/12/21**
186	Zone A (GL 1 to 8/ A to D)	83 days	Wed 21/7/21	Thu 4/11/21
187	Erection of Support Scaffold	5 days	Wed 21/7/21	Mon 26/7/21
188	Beam, Cantilever Slab and Pouring Strip Formwork	24 days	Tue 27/7/21	Thu 26/8/21
189	Launching of Precast Planks	8 days	Fri 27/8/21	Mon 6/9/21
190	Plank Grouting, Rebar, M&E, Internal Formwork	12 days	Fri 3/9/21	Fri 17/9/21
191	Casting	1 day	Mon 20/9/21	Mon 20/9/21
192	Launching of L2 to L4 Precast Column; L2 to L3 CIS Wall, Precast Facade	35 days	Tue 21/9/21	Wed 3/11/21
193	Grouting of Columns, Facade	35 days	Wed 22/9/21	Thu 4/11/21
194	Zone B (GL 1 to 8/C to F)	97 days	Tue 27/7/21	Wed 1/12/21
195	Erection of Support Scaffold	5 days	Tue 27/7/21	Sat 31/7/21
196	Beam and Pouring Strip Formwork	32 days	Mon 2/8/21	Mon 13/9/21
197	Launching of Precast Planks	12 days	Tue 14/9/21	Tue 28/9/21



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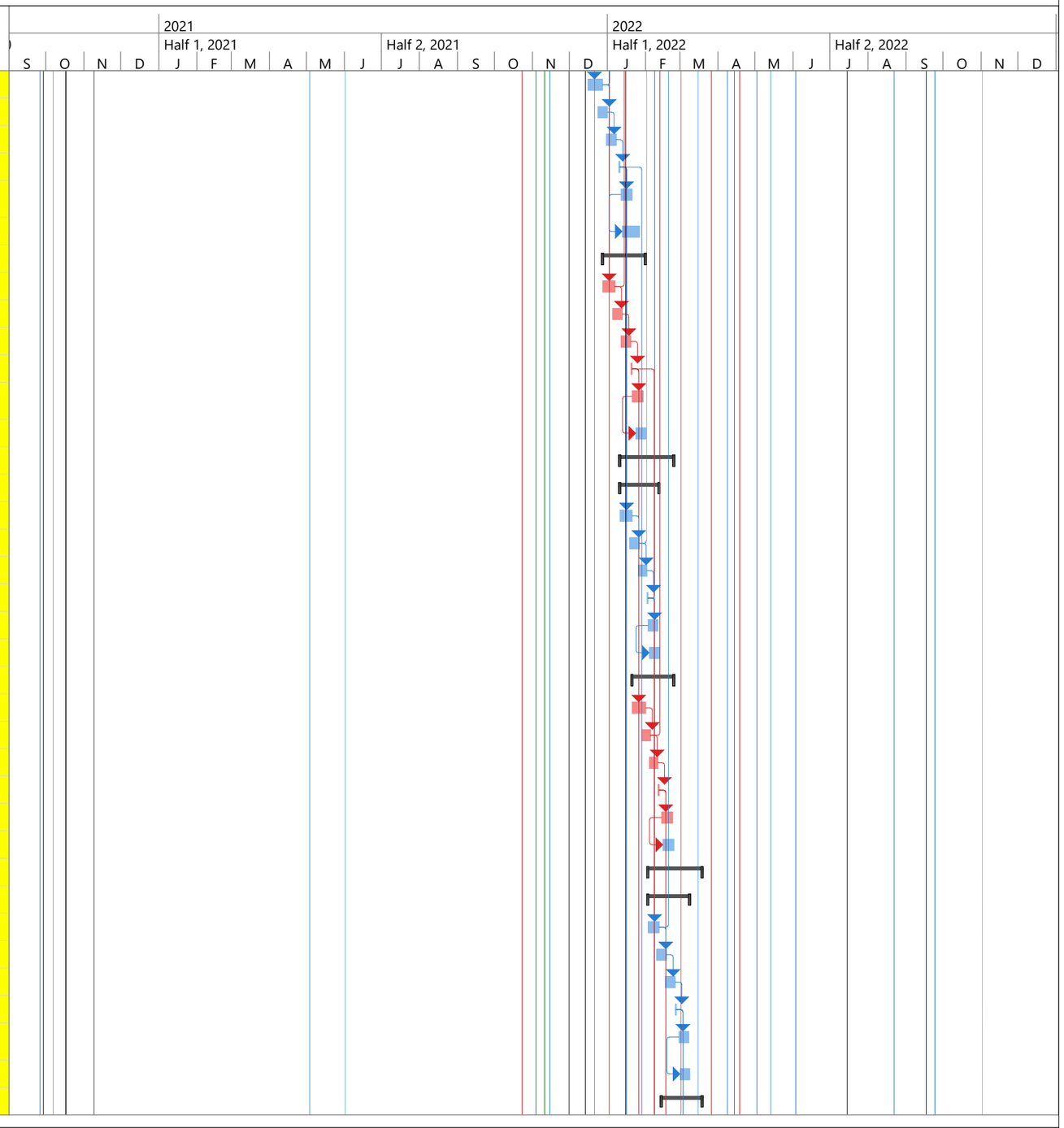
ID	Task Name	Duration	Start	Finish
198	Plank Grouting, Rebar, M&E, Internal Formwork	14 days	Sat 25/9/21	Tue 12/10/21
199	Casting	1 day	Wed 13/10/21	Wed 13/10/21
200	Launching of L2 to L4 Precast Column, L2 to L3 CIS Wall, Precast Facade, Staircase,	35 days	Thu 14/10/21	Tue 30/11/21
201	Grouting of Columns, Wall, Facade & Staircase	35 days	Fri 15/10/21	Wed 1/12/21
202	Zone C1 (GL 9 to 13/G to K)	74 days	Mon 16/8/21	Fri 19/11/21
203	Erection of Support Scaffold	6 days	Mon 16/8/21	Mon 23/8/21
204	Beam and Pouring Strip Formwork	6 days	Tue 24/8/21	Tue 31/8/21
205	Launching of Precast Planks & Refuse Chute	5 days	Wed 1/9/21	Mon 6/9/21
206	M&E/Rebar, Grouting to Planks	6 days	Tue 7/9/21	Tue 14/9/21
207	Casting	1 day	Wed 15/9/21	Wed 15/9/21
208	Launching of L2 to L4 Precast Column; L2 to L3 CIS Wall, Precast Facade, Staircase,	35 days	Tue 5/10/21	Thu 18/11/21
209	Grouting of Columns, Wall, Facade & Staircase	35 days	Wed 6/10/21	Fri 19/11/21
210	Zone C2 (GL 12 to 17/ E to K)	46 days	Thu 14/10/21	Wed 15/12/21
211	Erection of Support Scaffold	5 days	Thu 14/10/21	Tue 19/10/21
212	Formwork for Beam & Slab	10 days	Wed 20/10/21	Tue 2/11/21
213	Rebars & BRC Mesh for Beam & Slab	6 days	Wed 27/10/21	Wed 3/11/21
214	M&E/Closing of Formwork	5 days	Thu 4/11/21	Wed 10/11/21
215	Casting	1 day	Thu 11/11/21	Thu 11/11/21
216	L2 to L3 RC Column Construction and Precast Colum	10 days	Fri 12/11/21	Thu 25/11/21
217	Sprinkler Tank/Fire Hydrant Tank Wall and Double Slal	14 days	Fri 26/11/21	Wed 15/12/21
218	**3rd Storey Superstructure**	**65 days**	**Thu 14/10/21**	**Tue 11/1/22**
219	Zone A (A1- GL1 to 8/A to C and A2- GL1-8/C-E)	57 days	Thu 14/10/21	Thu 30/12/21
220	Erection of Support Scaffold & Pouring Strip Formwor	25 days	Thu 14/10/21	Tue 16/11/21
221	Launching of Precast Beam & Slab	25 days	Fri 22/10/21	Thu 25/11/21
222	Rebar/Formwork & Grouting + M&E	31 days	Tue 2/11/21	Tue 14/12/21
223	Casting	1 day	Wed 15/12/21	Wed 15/12/21
224	Launching of L3 Wall, Facade, Staircase.	7 days	Thu 16/12/21	Fri 24/12/21
225	Grouting of Wall, Facade & Staircase	10 days	Fri 17/12/21	Thu 30/12/21
226	Zone B (GL 9 to 18/ D to K)	43 days	Fri 12/11/21	Tue 11/1/22
227	Erection of Support Scaffold & Pouring Strip Formwor	10 days	Fri 12/11/21	Thu 25/11/21
228	Launching of Precast Beam, Planks & Refuse Chute	14 days	Wed 24/11/21	Mon 13/12/21
229	Rebar/Formwork & Grouting + M&E	10 days	Mon 13/12/21	Fri 24/12/21
230	Casting	1 day	Mon 27/12/21	Mon 27/12/21
231	Launching of L3 Wall, Facade, Staircase.	7 days	Tue 28/12/21	Wed 5/1/22
232	Grouting of Wall, Facade & Staircase	10 days	Wed 29/12/21	Tue 11/1/22
233	**4th Storey Superstructure**	**34 days**	**Thu 16/12/21**	**Mon 31/1/22**
234	Zone A (GL 1 to 8/ A to D)	30 days	Thu 16/12/21	Wed 26/1/22



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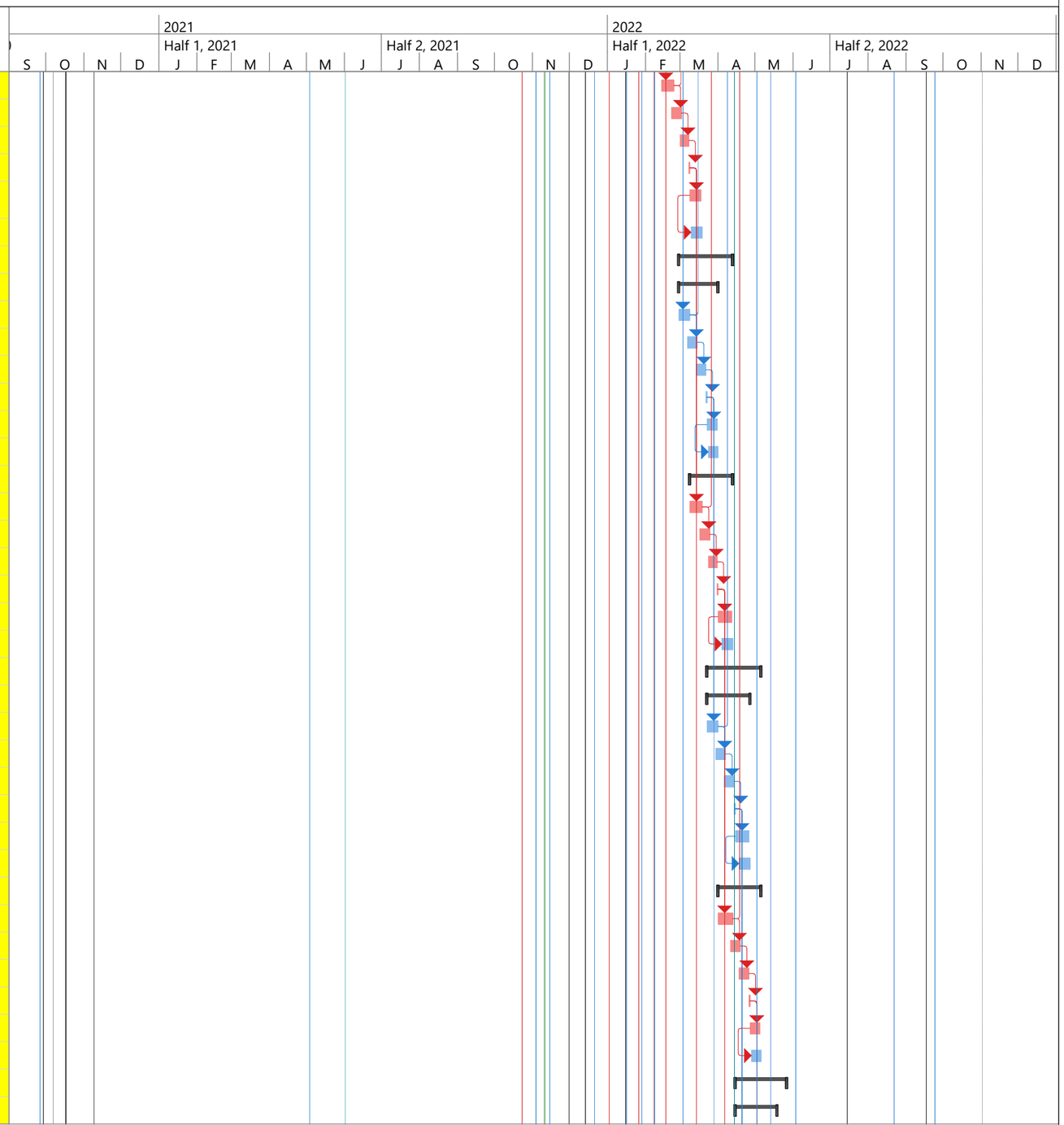
ID	Task Name	Duration	Start	Finish
235	Erection of Support Scaffold & Pouring Strip Formwor	8 days	Thu 16/12/21	Mon 27/12/21
236	Launching of Precast Beam & Slab	6 days	Fri 24/12/21	Fri 31/12/21
237	Rebar/Formwork & Grouting + M&E	6 days	Fri 31/12/21	Fri 7/1/22
238	Casting	1 day	Mon 10/1/22	Mon 10/1/22
239	Launching of L4 to L6 Precast Column; L4 to L5 Wall, Precast Facade, Staircase,	7 days	Wed 12/1/22	Thu 20/1/22
240	Grouting of Columns, Wall, Facade & Staircase	10 days	Thu 13/1/22	Wed 26/1/22
241	Zone B (GL 9 to 18/ D to K)	26 days	Tue 28/12/21	Mon 31/1/22
242	Erection of Support Scaffold & Pouring Strip Formwor	8 days	Tue 28/12/21	Thu 6/1/22
243	Launching of Precast Beam, Planks & Refuse Chute	6 days	Wed 5/1/22	Wed 12/1/22
244	Rebar/Formwork & Grouting + M&E	6 days	Wed 12/1/22	Wed 19/1/22
245	Casting	1 day	Thu 20/1/22	Thu 20/1/22
246	Launching of L4 to L6 Precast Column; L4 to L5 Wall, Precast Facade, Staircase,	7 days	Fri 21/1/22	Sat 29/1/22
247	Grouting of Columns, Wall, Facade & Staircase	7 days	Mon 24/1/22	Mon 31/1/22
248	**5th Storey Superstructure**	**34 days**	**Tue 11/1/22**	**Wed 23/2/22**
249	Zone A (GL 1 to 8/ A to D)	26 days	Tue 11/1/22	Fri 11/2/22
250	Erection of Support Scaffold & Pouring Strip Formwor	8 days	Tue 11/1/22	Thu 20/1/22
251	Launching of Precast Beam & Slab	6 days	Wed 19/1/22	Wed 26/1/22
252	Rebar/Formwork & Grouting + M&E	6 days	Wed 26/1/22	Tue 1/2/22
253	Casting	1 day	Wed 2/2/22	Wed 2/2/22
254	Launching of L5 Wall, Facade, Staircase.	7 days	Thu 3/2/22	Thu 10/2/22
255	Grouting of Wall, Facade & Staircase	7 days	Fri 4/2/22	Fri 11/2/22
256	Zone B (GL 9 to 18/ D to K)	26 days	Fri 21/1/22	Wed 23/2/22
257	Erection of Support Scaffold & Pouring Strip Formwor	8 days	Fri 21/1/22	Mon 31/1/22
258	Launching of Precast Beam, Planks & Refuse Chute	6 days	Sat 29/1/22	Fri 4/2/22
259	Rebar/Formwork & Grouting + M&E	6 days	Fri 4/2/22	Thu 10/2/22
260	Casting	1 day	Fri 11/2/22	Fri 11/2/22
261	Launching of L5 Wall, Facade, Staircase.	7 days	Mon 14/2/22	Tue 22/2/22
262	Grouting of Wall, Facade & Staircase	7 days	Tue 15/2/22	Wed 23/2/22
263	**6th Storey Superstructure**	**34 days**	**Thu 3/2/22**	**Fri 18/3/22**
264	Zone A (GL 1 to 8/ A to D)	26 days	Thu 3/2/22	Tue 8/3/22
265	Erection of Support Scaffold & Pouring Strip Formwor	8 days	Thu 3/2/22	Fri 11/2/22
266	Launching of Precast Beam & Slab	6 days	Thu 10/2/22	Thu 17/2/22
267	Rebar/Formwork & Grouting + M&E	6 days	Thu 17/2/22	Thu 24/2/22
268	Casting	1 day	Fri 25/2/22	Fri 25/2/22
269	Launching of L6 to L8 Precast Column; L6 to L7 Wall, Facade, Staircase,	7 days	Mon 28/2/22	Mon 7/3/22
270	Grouting of Columns, Wall, Facade & Staircase	7 days	Tue 1/3/22	Tue 8/3/22
271	Zone B (GL 9 to 18/ D to K)	26 days	Mon 14/2/22	Fri 18/3/22



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Split	Inactive Milestone	Manual Summary	Deadline	
Milestone	Inactive Summary	Start-only	Critical	
Summary	Manual Task	Finish-only	Critical Split	
Project Summary	Duration-only	External Tasks	Progress	

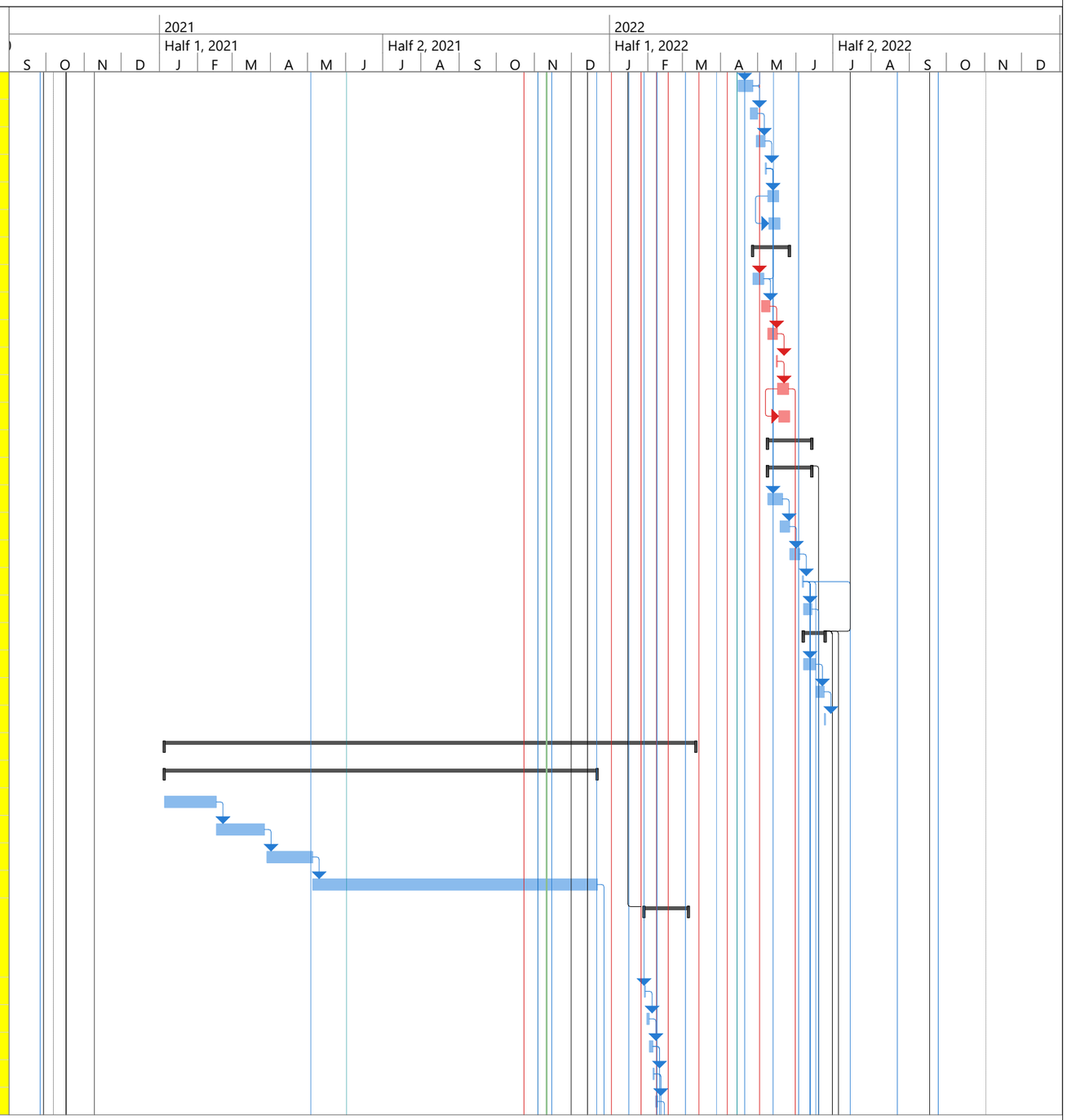
ID	Task Name	Duration	Start	Finish
272	Erection of Support Scaffold & Pouring Strip Formwor	8 days	Mon 14/2/22	Wed 23/2/22
273	Launching of Precast Beam, Planks & Refuse Chute	6 days	Tue 22/2/22	Tue 1/3/22
274	Rebar/Formwork & Grouting + M&E	6 days	Tue 1/3/22	Mon 7/3/22
275	Casting	1 day	Tue 8/3/22	Tue 8/3/22
276	Launching of L6 to L8 Precast Column; L6 to L7 Wall, Facade, Staircase,	7 days	Wed 9/3/22	Thu 17/3/22
277	Grouting of Columns, Wall, Facade & Staircase	7 days	Thu 10/3/22	Fri 18/3/22
278	**7th Storey Superstructure**	**34 days**	**Mon 28/2/22**	**Tue 12/4/22**
279	Zone A (GL 1 to 8/ A to D)	26 days	Mon 28/2/22	Thu 31/3/22
280	Erection of Support Scaffold & Pouring Strip Formwork	8 days	Mon 28/2/22	Tue 8/3/22
281	Launching of Precast Beam & Slab	6 days	Mon 7/3/22	Mon 14/3/22
282	Rebar/Formwork & Grouting + M&E	6 days	Mon 14/3/22	Mon 21/3/22
283	Casting	1 day	Tue 22/3/22	Tue 22/3/22
284	Launching of L7 Wall, Facade, Staircase.	7 days	Wed 23/3/22	Wed 30/3/22
285	Grouting of Wall, Facade & Staircase	7 days	Thu 24/3/22	Thu 31/3/22
286	Zone B (GL 9 to 18/ D to K)	26 days	Wed 9/3/22	Tue 12/4/22
287	Erection of Support Scaffold & Pouring Strip Formwork	8 days	Wed 9/3/22	Fri 18/3/22
288	Launching of Precast Beam, Planks & Refuse Chute	6 days	Thu 17/3/22	Thu 24/3/22
289	Rebar/Formwork & Grouting + M&E	6 days	Thu 24/3/22	Wed 30/3/22
290	Casting	1 day	Thu 31/3/22	Thu 31/3/22
291	Launching of L7 Wall, Facade, Staircase.	7 days	Fri 1/4/22	Mon 11/4/22
292	Grouting of Wall, Facade & Staircase	7 days	Mon 4/4/22	Tue 12/4/22
293	**8th Storey Superstructure**	**34 days**	**Wed 23/3/22**	**Thu 5/5/22**
294	Zone A (GL 1 to 8/ A to D)	26 days	Wed 23/3/22	Tue 26/4/22
295	Erection of Support Scaffold & Pouring Strip Formwork	8 days	Wed 23/3/22	Thu 31/3/22
296	Launching of Precast Beam & Slab	6 days	Wed 30/3/22	Wed 6/4/22
297	Rebar/Formwork & Grouting + M&E	6 days	Wed 6/4/22	Wed 13/4/22
298	Casting	1 day	Thu 14/4/22	Thu 14/4/22
299	Launching of L8 Wall, Facade, Staircase.	7 days	Fri 15/4/22	Mon 25/4/22
300	Grouting of Wall, Facade & Staircase	7 days	Mon 18/4/22	Tue 26/4/22
301	Zone B (GL 9 to 18/ D to K)	26 days	Fri 1/4/22	Thu 5/5/22
302	Erection of Support Scaffold & Pouring Strip Formwork	8 days	Fri 1/4/22	Tue 12/4/22
303	Launching of Precast Beam, Planks & Refuse Chute	6 days	Mon 11/4/22	Mon 18/4/22
304	Rebar/Formwork & Grouting + M&E	6 days	Mon 18/4/22	Mon 25/4/22
305	Casting	1 day	Tue 26/4/22	Tue 26/4/22
306	Launching of L8 Wall, Facade, Staircase.	7 days	Wed 27/4/22	Wed 4/5/22
307	Grouting of Wall, Façade & Staircase	7 days	Thu 28/4/22	Thu 5/5/22
308	**9th Storey Superstructure**	**32 days**	**Fri 15/4/22**	**Thu 26/5/22**
309	Zone A (GL 1 to 8/ A to D)	26 days	Fri 15/4/22	Wed 18/5/22



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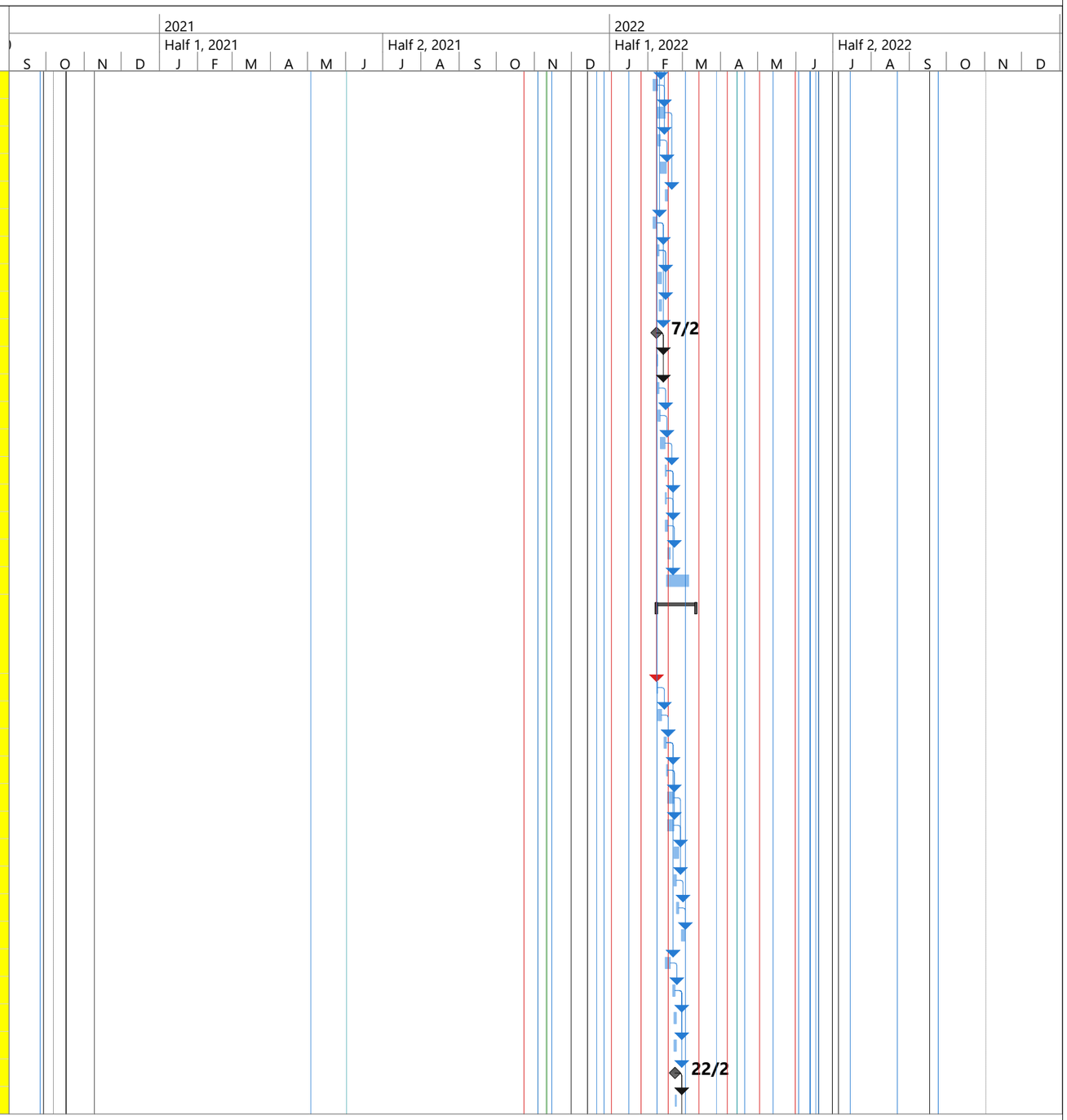
ID	Task Name	Duration	Start	Finish
310	Erection of Support Scaffold & Pouring Strip Formwork	8 days	Fri 15/4/22	Tue 26/4/22
311	Launching of Precast Beam & Slab	6 days	Mon 25/4/22	Sat 30/4/22
312	Rebar/Formwork & Grouting + M&E	6 days	Sat 30/4/22	Fri 6/5/22
313	Casting	1 day	Sat 7/5/22	Sat 7/5/22
314	Launching of L9 Columns, Wall, Facade, Staircase.	7 days	Mon 9/5/22	Tue 17/5/22
315	Grouting of Columns, Wall, Facade & Staircase	7 days	Tue 10/5/22	Wed 18/5/22
316	Zone B (GL 9 to 18/ D to K)	24 days	Wed 27/4/22	Thu 26/5/22
317	Erection of Support Scaffold & Pouring Strip Formwork	8 days	Wed 27/4/22	Thu 5/5/22
318	Launching of Precast Beam, Planks & Refuse Chute	6 days	Wed 4/5/22	Tue 10/5/22
319	Rebar/Formwork & Grouting + M&E	6 days	Mon 9/5/22	Mon 16/5/22
320	Casting	1 day	Mon 16/5/22	Mon 16/5/22
321	Launching of L9 Columns, Wall, Facade, Staircase.	7 days	Tue 17/5/22	Wed 25/5/22
322	Grouting of Columns, Wall, Façade & Staircase	7 days	Wed 18/5/22	Thu 26/5/22
323	**Roof Storey Slab & RC Parapet Wall (cast-In-Situ)**	**26 days**	**Mon 9/5/22**	**Mon 13/6/22**
324	Zone A (GL 1 to 8 / A to G)	26 days	Mon 9/5/22	Mon 13/6/22
325	Erection of Support Scaffold & Pouring Strip Formwork	10 days	Mon 9/5/22	Fri 20/5/22
326	Launching of Precast Beam & Slab	6 days	Thu 19/5/22	Thu 26/5/22
327	Rebar/Formwork & Grouting + M&E	6 days	Fri 27/5/22	Fri 3/6/22
328	Casting	1 day	Mon 6/6/22	Mon 6/6/22
329	Launching of Roof Parapet wall	5 days	Tue 7/6/22	Mon 13/6/22
330	**Upper Roof**	**14 days**	**Tue 7/6/22**	**Fri 24/6/22**
331	Formwork	8 days	Tue 7/6/22	Thu 16/6/22
332	Rebar & M&E	5 days	Fri 17/6/22	Thu 23/6/22
333	Casting	1 day	Fri 24/6/22	Fri 24/6/22
334	**Mock-Up Works**	**331 days**	**Tue 5/1/21**	**Fri 11/3/22**
335	**Mock-Up Submissions**	**270 days**	**Tue 5/1/21**	**Tue 21/12/21**
336	Material/Catalogue Submissions	30 days	Tue 5/1/21	Mon 15/2/21
337	MoS & Shopdrawing Submissions	30 days	Tue 16/2/21	Fri 26/3/21
338	Samples Submissions	30 days	Mon 29/3/21	Tue 4/5/21
339	Procurement Lead Time	180 days	Wed 5/5/21	Tue 21/12/21
340	**Mock-Up Phase 1 (Decentralised Living Room, Toilet, Common Corridor, Planter, Bay Window, 4-Bedder Resident's Bedroom, Assisted Bath, Shower)**	**28 days**	**Sat 29/1/22**	**Sat 5/3/22**
341	Removal of back prop	1 day	Sat 29/1/22	Sat 29/1/22
342	Structural clearance / strucutalponding test @ wet area	2 days	Mon 31/1/22	Tue 1/2/22
343	Ceiling Skim coat	3 days	Wed 2/2/22	Fri 4/2/22
344	Painting - ceiling base coat	1 day	Sat 5/2/22	Sat 5/2/22
345	M&E first fix	2 days	Mon 7/2/22	Tue 8/2/22



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Manual Task
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Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

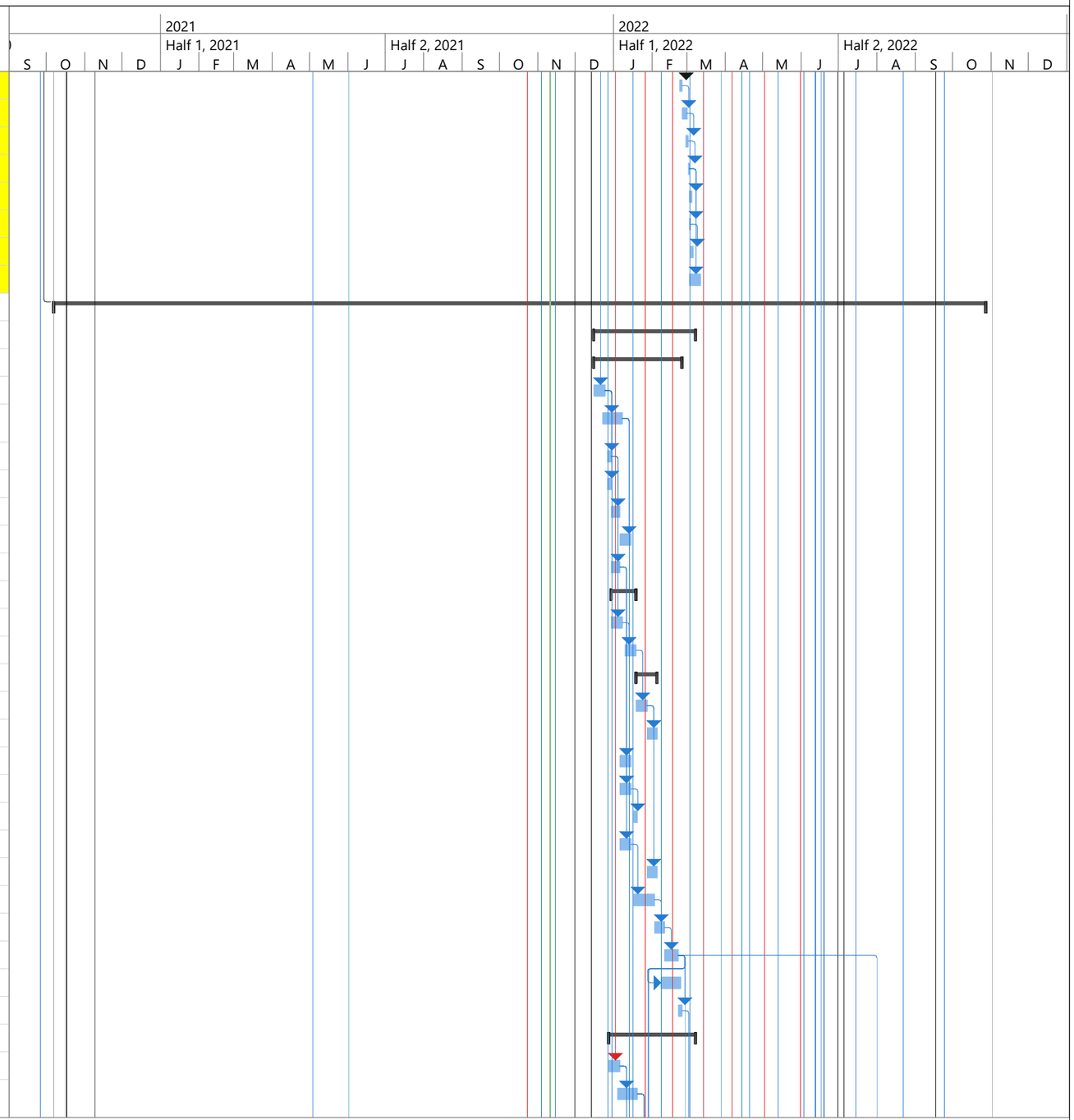
ID	Task Name	Duration	Start	Finish
346	ALC panel installation (wet area)	3 days	Sat 5/2/22	Tue 8/2/22
347	Water proofing for wet area	4 days	Wed 9/2/22	Mon 14/2/22
348	Floor screeding work (dry area)	2 days	Wed 9/2/22	Thu 10/2/22
349	Drywall / ALC panel installation (dry area)	3 days	Fri 11/2/22	Tue 15/2/22
350	Tiling work (wet area)	2 days	Tue 15/2/22	Wed 16/2/22
351	Door / Window frame installation	2 days	Sat 5/2/22	Mon 7/2/22
352	wall plaster / skim coat	2 days	Tue 8/2/22	Wed 9/2/22
353	Painting - first coat	3 days	Wed 9/2/22	Fri 11/2/22
354	Celing frame installation	2 days	Thu 10/2/22	Fri 11/2/22
355	M&E 2nd fix	0 days	Mon 7/2/22	Mon 7/2/22
356	Painting - 2nd coat	1 day	Tue 8/2/22	Tue 8/2/22
357	Ceiling board installation	2 days	Tue 8/2/22	Wed 9/2/22
358	Floor tiles / Vinyl installation	2 days	Wed 9/2/22	Thu 10/2/22
359	Cabinetry work	2 days	Fri 11/2/22	Mon 14/2/22
360	Painting - final	1 day	Tue 15/2/22	Tue 15/2/22
361	M&E final fix	1 day	Tue 15/2/22	Tue 15/2/22
362	Signages	2 days	Tue 15/2/22	Wed 16/2/22
363	Cleaning / Protection	2 days	Thu 17/2/22	Fri 18/2/22
364	**Review of Mock-Ups**	14 days	Wed 16/2/22	Sat 5/3/22
365	**Mock-Up Phase 2 (Lift Lobby, Day Room, 1-Bedder Resident's Bedroom, Nursing Station & Prep Room, Common Corridor, Isoolation Room & Assisted Bath)**	**25 days**	**Tue 8/2/22**	**Fri 11/3/22**
366	Removal of back prop	1 day	Tue 8/2/22	Tue 8/2/22
367	Structural clearance / structural ponding test @ wet area	3 days	Wed 9/2/22	Fri 11/2/22
368	Ceiling Skim coat	2 days	Mon 14/2/22	Tue 15/2/22
369	Painting - ceiling base coat	1 day	Wed 16/2/22	Wed 16/2/22
370	M&E first fix	3 days	Thu 17/2/22	Mon 21/2/22
371	ALC panel installation (wet area)	3 days	Thu 17/2/22	Mon 21/2/22
372	Water-proofing for wet area	4 days	Tue 22/2/22	Fri 25/2/22
373	Floor screeding work (dry area)	2 days	Tue 22/2/22	Wed 23/2/22
374	Drywall / ALC panel installation (dry area)	2 days	Thu 24/2/22	Fri 25/2/22
375	Tiling work (wet area)	3 days	Mon 28/2/22	Wed 2/3/22
376	Door / Window frame installation	4 days	Tue 15/2/22	Fri 18/2/22
377	wall plaster / skim coat	2 days	Mon 21/2/22	Tue 22/2/22
378	Painting - first coat	2 days	Tue 22/2/22	Wed 23/2/22
379	Celing frame installation	2 days	Tue 22/2/22	Wed 23/2/22
380	M&E 2nd fix	0 days	Tue 22/2/22	Tue 22/2/22
381	Painting - 2nd coat	1 day	Wed 23/2/22	Wed 23/2/22



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Task	Inactive Task	Manual Summary Rollup	External Milestone	Manual Progress	
Split	Inactive Milestone	Manual Summary	Deadline		
Milestone	Inactive Summary	Start-only	Critical		
Summary	Manual Task	Finish-only	Critical Split		
Project Summary	Duration-only	External Tasks	Progress		

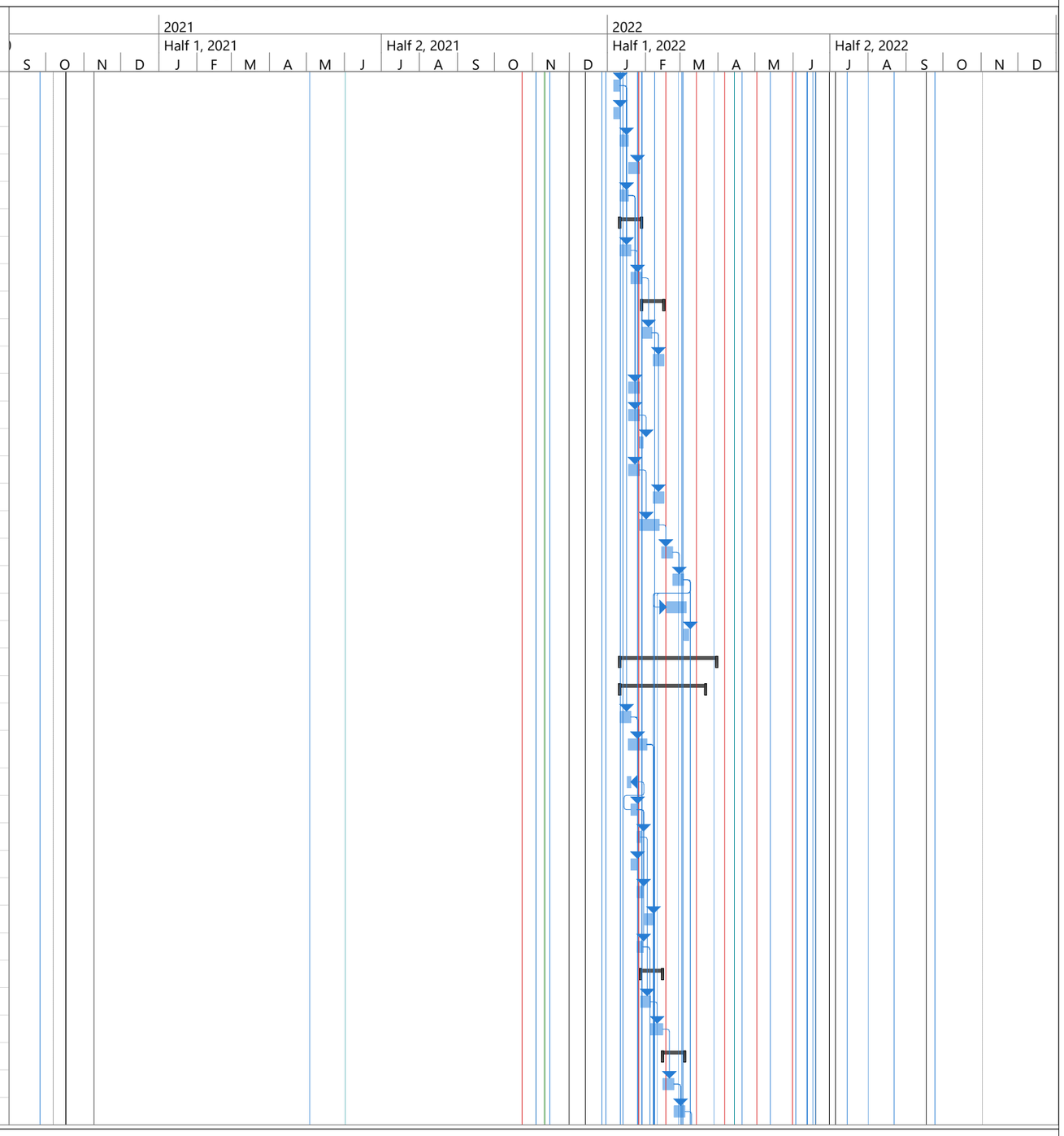
ID	Task Name	Duration	Start	Finish
382	Ceiling board installation	2 days	Wed 23/2/22	Thu 24/2/22
383	Floor tiles / Vinyl installation	2 days	Fri 25/2/22	Mon 28/2/22
384	Cabinetry work	2 days	Mon 28/2/22	Tue 1/3/22
385	Painting - final	1 day	Wed 2/3/22	Wed 2/3/22
386	M&E final fix	2 days	Thu 3/3/22	Fri 4/3/22
387	Signages	1 day	Thu 3/3/22	Thu 3/3/22
388	Cleaning / Protection	2 days	Fri 4/3/22	Sat 5/3/22
389	Review of Mock-Ups	8 days	Thu 3/3/22	Fri 11/3/22
390	**Architectural Works**	**564 days**	**Wed 7/10/20**	**Thu 27/10/22**
391	**1st Storey (Interior Works)**	**61 days**	**Thu 16/12/21**	**Mon 7/3/22**
392	**Zone A (GL 1 to 8/ A to D)**	**53 days**	**Thu 16/12/21**	**Thu 24/2/22**
393	Light Weight Concrete Blocks	7 days	Thu 16/12/21	Fri 24/12/21
394	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	12 days	Thu 23/12/21	Fri 7/1/22
395	Waterproofing & Protective Screed	3 days	Mon 27/12/21	Wed 29/12/21
396	External Window Installation	3 days	Mon 27/12/21	Wed 29/12/21
397	Drywall Partition	5 days	Thu 30/12/21	Wed 5/1/22
398	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Thu 6/1/22	Fri 14/1/22
399	Door Frame / Window Frame Installations	5 days	Thu 30/12/21	Wed 5/1/22
400	Floor Finishes	14 days	Thu 30/12/21	Tue 18/1/22
401	Screeding	7 days	Thu 30/12/21	Fri 7/1/22
402	Floor Tile	7 days	Mon 10/1/22	Tue 18/1/22
403	Wall Finishes	14 days	Wed 19/1/22	Fri 4/2/22
404	Wall Tile	7 days	Wed 19/1/22	Thu 27/1/22
405	Plastering / Skim Coat	7 days	Fri 28/1/22	Fri 4/2/22
406	Railings/ Other metal Works	7 days	Thu 6/1/22	Fri 14/1/22
407	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Thu 6/1/22	Fri 14/1/22
408	Installation of Ironmongeries	3 days	Mon 17/1/22	Wed 19/1/22
409	Installation of False Ceiling	7 days	Thu 6/1/22	Fri 14/1/22
410	Installation of Sanitary Wares & Toilet Cubicles	7 days	Fri 28/1/22	Fri 4/2/22
411	Installation of Carpentry Works & Fitments	14 days	Mon 17/1/22	Wed 2/2/22
412	Installation of Vinyl Flooring & Other Finishes	7 days	Thu 3/2/22	Thu 10/2/22
413	Internal Painting	7 days	Fri 11/2/22	Mon 21/2/22
414	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	12 days	Tue 8/2/22	Wed 23/2/22
415	Signages	3 days	Tue 22/2/22	Thu 24/2/22
416	**Zone B (GL 9 to 18 /F to K)**	**53 days**	**Tue 28/12/21**	**Mon 7/3/22**
417	Light Weight Concrete Blocks	7 days	Tue 28/12/21	Wed 5/1/22
418	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	12 days	Tue 4/1/22	Wed 19/1/22



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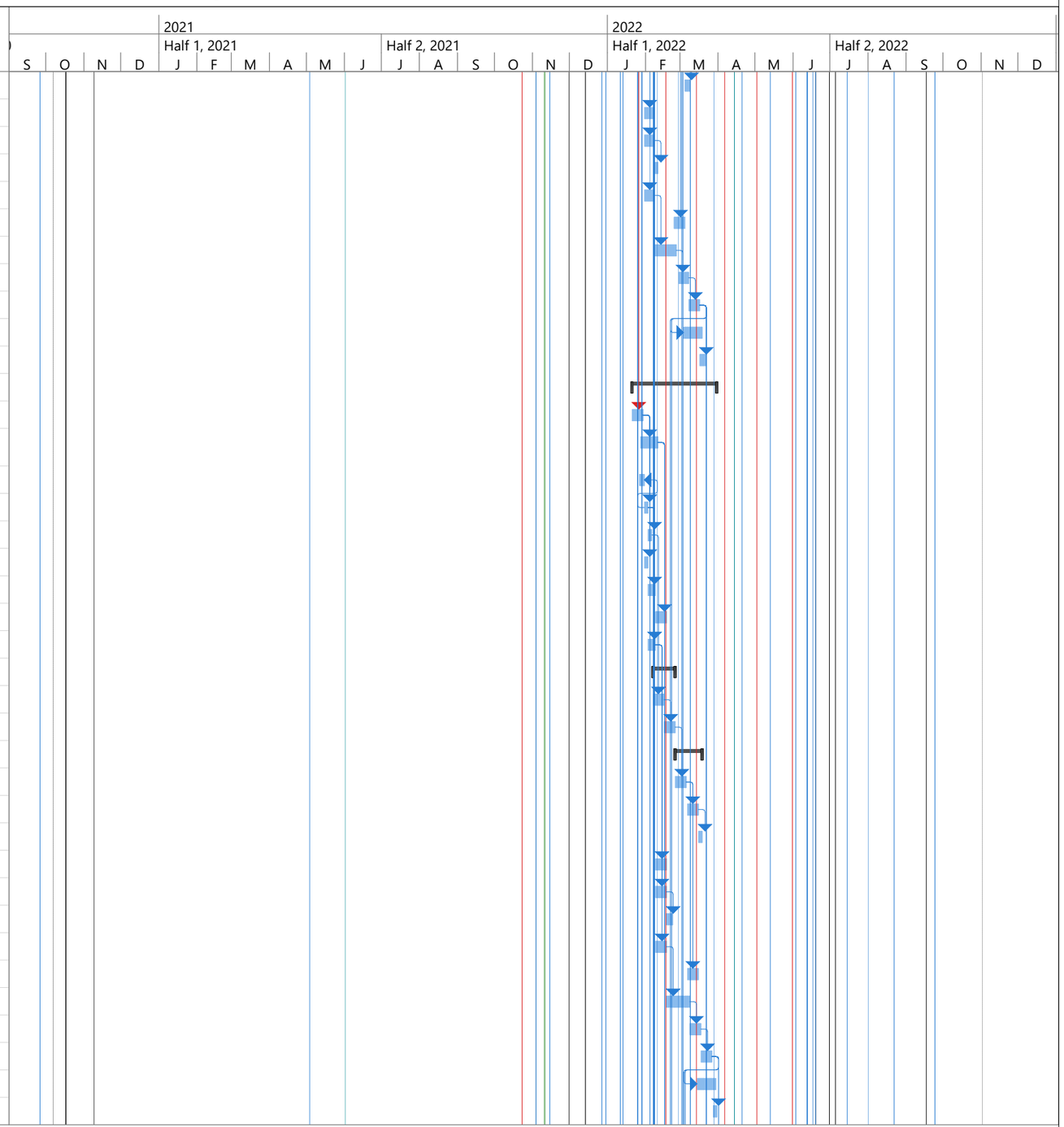
ID	Task Name	Duration	Start	Finish
419	Waterproofing & Protective Screed	3 days	Thu 6/1/22	Mon 10/1/22
420	External Window Installation	3 days	Thu 6/1/22	Mon 10/1/22
421	Drywall Partition	5 days	Tue 11/1/22	Mon 17/1/22
422	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Tue 18/1/22	Wed 26/1/22
423	Door Frame / Window Frame Installations	5 days	Tue 11/1/22	Mon 17/1/22
424	Floor Finishes	14 days	Tue 11/1/22	Fri 28/1/22
425	Screeding	7 days	Tue 11/1/22	Wed 19/1/22
426	Floor Tile	7 days	Thu 20/1/22	Fri 28/1/22
427	Wall Finishes	14 days	Sat 29/1/22	Tue 15/2/22
428	Wall Tile	7 days	Sat 29/1/22	Sat 5/2/22
429	Plastering / Skim Coat	7 days	Mon 7/2/22	Tue 15/2/22
430	Railings/ Other metal Works	7 days	Tue 18/1/22	Wed 26/1/22
431	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Tue 18/1/22	Wed 26/1/22
432	Installation of Ironmongeries	3 days	Thu 27/1/22	Sat 29/1/22
433	Installation of False Ceiling	7 days	Tue 18/1/22	Wed 26/1/22
434	Installation of Sanitary Wares & Toilet Cubicles	7 days	Mon 7/2/22	Tue 15/2/22
435	Installation of Carpentry Works & Fitments	14 days	Thu 27/1/22	Fri 11/2/22
436	Installation of Vinyl Flooring & Other Finishes	7 days	Mon 14/2/22	Tue 22/2/22
437	Internal Painting	7 days	Wed 23/2/22	Thu 3/3/22
438	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	12 days	Fri 18/2/22	Sat 5/3/22
439	Signages	3 days	Fri 4/3/22	Mon 7/3/22
440	**2nd Storey (Interior Works)**	**61 days**	**Tue 11/1/22**	**Wed 30/3/22**
441	**Zone A (GL 1 to 8/ A to D)**	**53 days**	**Tue 11/1/22**	**Mon 21/3/22**
442	Light Weight Concrete Blocks	7 days	Tue 11/1/22	Wed 19/1/22
443	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	12 days	Tue 18/1/22	Tue 1/2/22
444	1st Waterponding Test	3 days	Mon 17/1/22	Thu 20/1/22
445	Waterproofing & Protective Screed	3 days	Thu 20/1/22	Mon 24/1/22
446	2nd Waterponding Test	3 days	Tue 25/1/22	Thu 27/1/22
447	External Window Installation	3 days	Thu 20/1/22	Mon 24/1/22
448	Drywall Partition	5 days	Tue 25/1/22	Sat 29/1/22
449	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Mon 31/1/22	Mon 7/2/22
450	Door Frame / Window Frame Installations	5 days	Tue 25/1/22	Sat 29/1/22
451	Floor Finishes	14 days	Fri 28/1/22	Mon 14/2/22
452	Screeding	7 days	Fri 28/1/22	Fri 4/2/22
453	Floor Tile	7 days	Sat 5/2/22	Mon 14/2/22
454	Wall Finishes	14 days	Tue 15/2/22	Fri 4/3/22
455	Wall Tile	7 days	Tue 15/2/22	Wed 23/2/22
456	Plastering / Skim Coat	7 days	Thu 24/2/22	Fri 4/3/22



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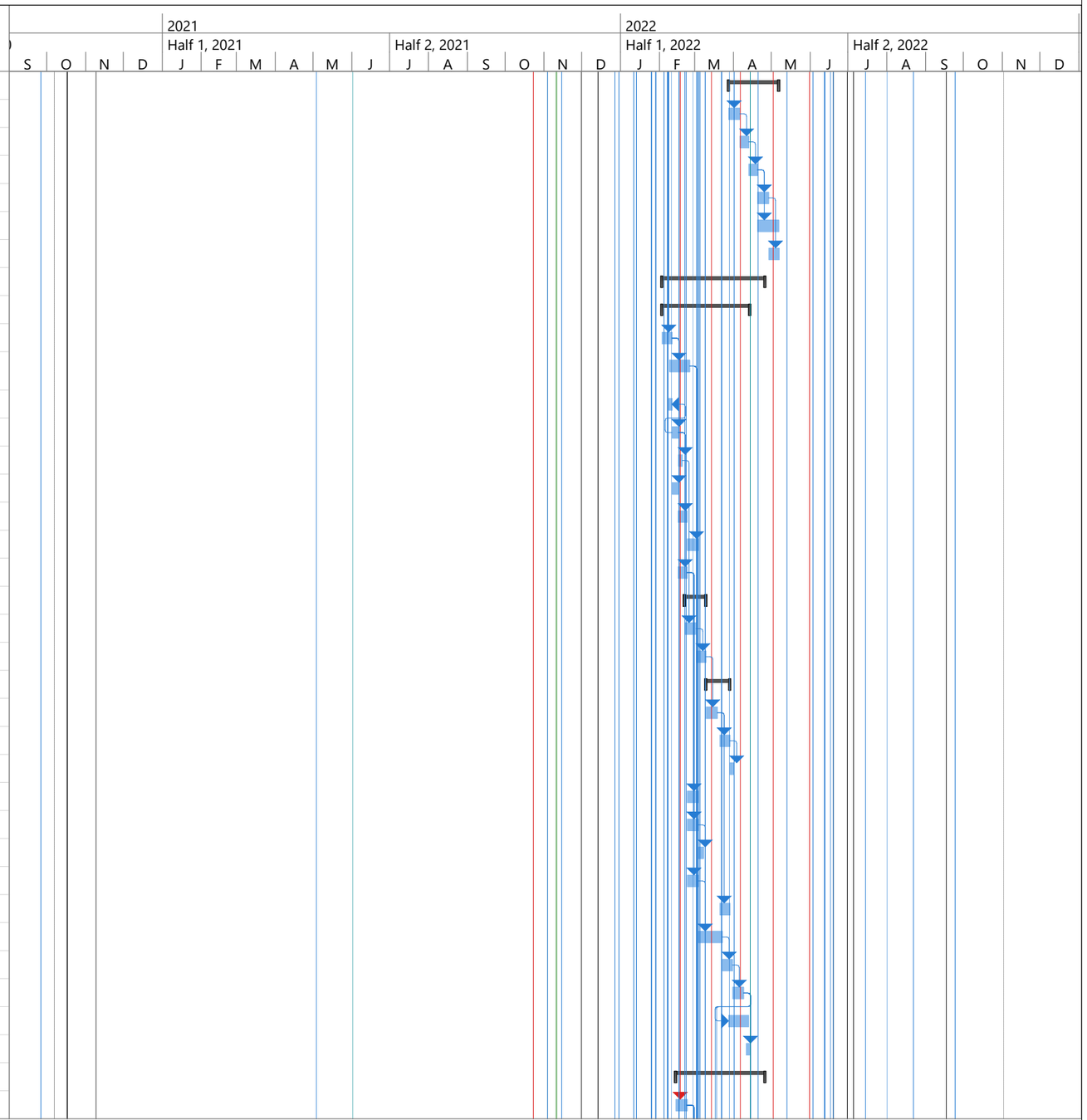
ID	Task Name	Duration	Start	Finish
457	3rd Waterponding Test	3 days	Sat 5/3/22	Tue 8/3/22
458	Railings/ Other metal Works	7 days	Mon 31/1/22	Mon 7/2/22
459	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Mon 31/1/22	Mon 7/2/22
460	Installation of Ironmongeries	3 days	Tue 8/2/22	Thu 10/2/22
461	Installation of False Ceiling	7 days	Mon 31/1/22	Mon 7/2/22
462	Installation of Sanitary Wares & Toilet Cubicles	7 days	Thu 24/2/22	Fri 4/3/22
463	Installation of Carpentry Works & Fitments	14 days	Tue 8/2/22	Fri 25/2/22
464	Installation of Vinyl Flooring & Other Finishes	7 days	Mon 28/2/22	Mon 7/3/22
465	Internal Painting	7 days	Tue 8/3/22	Wed 16/3/22
466	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	12 days	Fri 4/3/22	Fri 18/3/22
467	Signages	3 days	Thu 17/3/22	Mon 21/3/22
468	**Zone B (GL 9 to 18 /F to K)**	**53 days**	**Fri 21/1/22**	**Wed 30/3/22**
469	Light Weight Concrete Blocks	7 days	Fri 21/1/22	Sat 29/1/22
470	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	12 days	Fri 28/1/22	Thu 10/2/22
471	1st Waterponding Test	3 days	Thu 27/1/22	Mon 31/1/22
472	Waterproofing & Protective Screed	3 days	Mon 31/1/22	Wed 2/2/22
473	2nd Waterponding Test	3 days	Thu 3/2/22	Sat 5/2/22
474	External Window Installation	3 days	Mon 31/1/22	Wed 2/2/22
475	Drywall Partition	5 days	Thu 3/2/22	Tue 8/2/22
476	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Wed 9/2/22	Thu 17/2/22
477	Door Frame / Window Frame Installations	5 days	Thu 3/2/22	Tue 8/2/22
478	Floor Finishes	14 days	Mon 7/2/22	Thu 24/2/22
479	Screeding	7 days	Mon 7/2/22	Tue 15/2/22
480	Floor Tile	7 days	Wed 16/2/22	Thu 24/2/22
481	Wall Finishes	17 days	Fri 25/2/22	Fri 18/3/22
482	Wall Tile	7 days	Fri 25/2/22	Sat 5/3/22
483	Plastering / Skim Coat	7 days	Mon 7/3/22	Tue 15/3/22
484	3rd Waterponding Test	3 days	Wed 16/3/22	Fri 18/3/22
485	Railings/ Other metal Works	7 days	Wed 9/2/22	Thu 17/2/22
486	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Wed 9/2/22	Thu 17/2/22
487	Installation of Ironmongeries	3 days	Fri 18/2/22	Tue 22/2/22
488	Installation of False Ceiling	7 days	Wed 9/2/22	Thu 17/2/22
489	Installation of Sanitary Wares & Toilet Cubicles	7 days	Mon 7/3/22	Tue 15/3/22
490	Installation of Carpentry Works & Fitments	14 days	Fri 18/2/22	Tue 8/3/22
491	Installation of Vinyl Flooring & Other Finishes	7 days	Wed 9/3/22	Thu 17/3/22
492	Internal Painting	7 days	Fri 18/3/22	Sat 26/3/22
493	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	12 days	Tue 15/3/22	Tue 29/3/22
494	Signages	3 days	Mon 28/3/22	Wed 30/3/22



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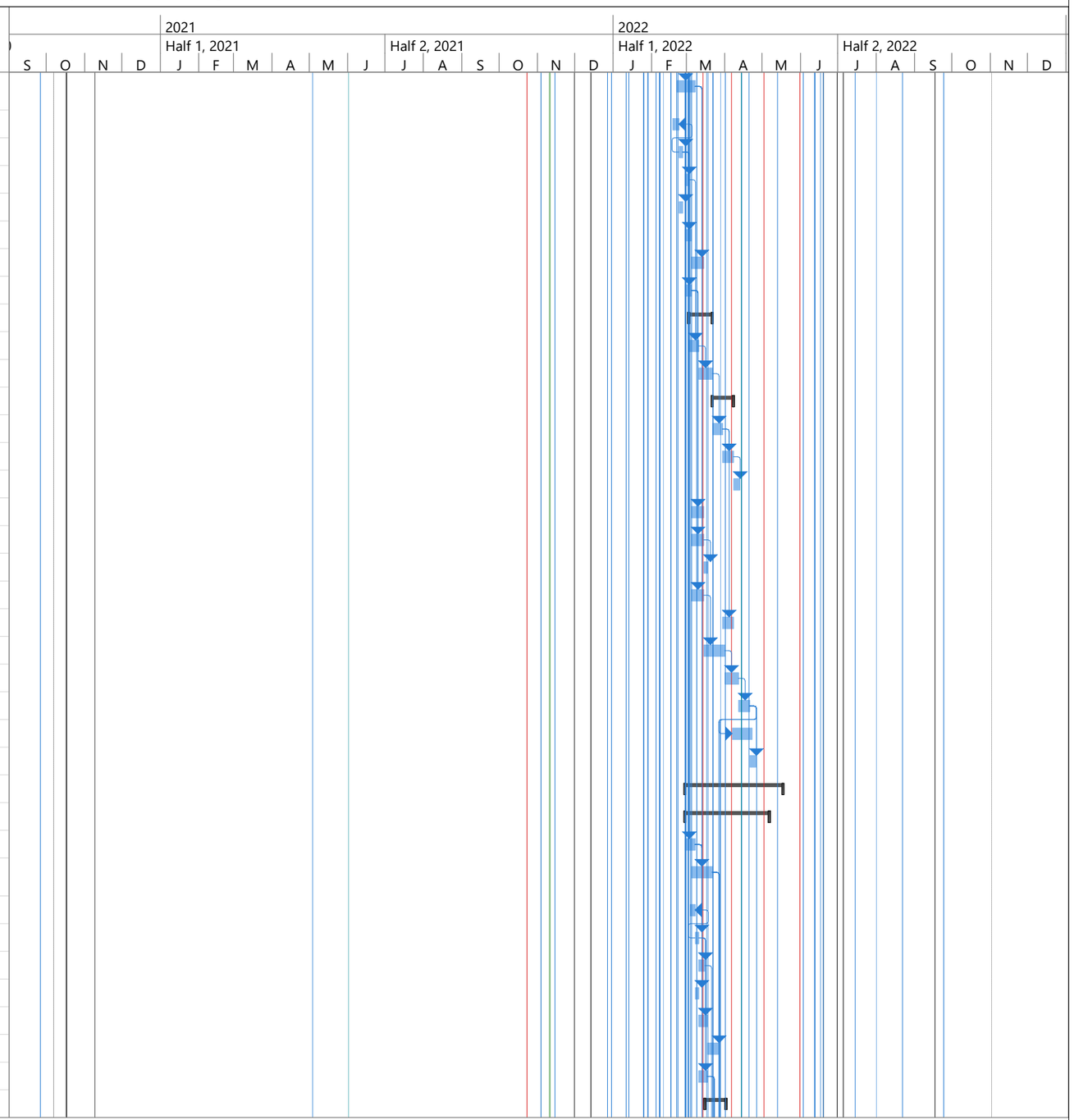
ID	Task Name	Duration	Start	Finish
495	**2nd Storey (Exterior Works)**	**31 days**	**Mon 28/3/22**	**Fri 6/5/22**
496	Scupper Drain & RWDP	7 days	Mon 28/3/22	Tue 5/4/22
497	Waterproofing & Insulation Works	5 days	Wed 6/4/22	Tue 12/4/22
498	Floor Screeding Slope to Fall	5 days	Wed 13/4/22	Tue 19/4/22
499	Granolithic, EPDM & Tiling Finish	7 days	Wed 20/4/22	Thu 28/4/22
500	Landscape Works	14 days	Wed 20/4/22	Fri 6/5/22
501	Fitments Installation	7 days	Fri 29/4/22	Fri 6/5/22
502	**3rd Storey (Interior Works excluding Mock-up items)**	**61 days**	**Thu 3/2/22**	**Mon 25/4/22**
503	**Zone A (GL 1 to 8/ A to E)**	**53 days**	**Thu 3/2/22**	**Wed 13/4/22**
504	Light Weight Concrete Blocks	7 days	Thu 3/2/22	Thu 10/2/22
505	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	12 days	Wed 9/2/22	Thu 24/2/22
506	1st Waterponding Test	3 days	Tue 8/2/22	Fri 11/2/22
507	Waterproofing & Protective Screed	3 days	Fri 11/2/22	Tue 15/2/22
508	2nd Waterponding Test	3 days	Wed 16/2/22	Fri 18/2/22
509	External Window Installation	3 days	Fri 11/2/22	Tue 15/2/22
510	Drywall Partition	5 days	Wed 16/2/22	Tue 22/2/22
511	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Wed 23/2/22	Thu 3/3/22
512	Door Frame / Window Frame Installations	5 days	Wed 16/2/22	Tue 22/2/22
513	Floor Finishes	14 days	Mon 21/2/22	Wed 9/3/22
514	Screeding	7 days	Mon 21/2/22	Tue 1/3/22
515	Floor Tile	7 days	Wed 2/3/22	Wed 9/3/22
516	Wall Finishes	14 days	Thu 10/3/22	Mon 28/3/22
517	Wall Tile	7 days	Thu 10/3/22	Fri 18/3/22
518	Plastering / Skim Coat	7 days	Mon 21/3/22	Mon 28/3/22
519	3rd Waterponding Test	3 days	Tue 29/3/22	Thu 31/3/22
520	Railings/ Other metal Works	7 days	Wed 23/2/22	Thu 3/3/22
521	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Wed 23/2/22	Thu 3/3/22
522	Installation of Ironmongeries	3 days	Fri 4/3/22	Mon 7/3/22
523	Installation of False Ceiling	7 days	Wed 23/2/22	Thu 3/3/22
524	Installation of Sanitary Wares & Toilet Cubicles	7 days	Mon 21/3/22	Mon 28/3/22
525	Installation of Carpentry Works & Fitments	14 days	Fri 4/3/22	Tue 22/3/22
526	Installation of Vinyl Flooring & Other Finishes	7 days	Wed 23/3/22	Wed 30/3/22
527	Internal Painting	7 days	Thu 31/3/22	Fri 8/4/22
528	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	12 days	Mon 28/3/22	Tue 12/4/22
529	Signages	3 days	Mon 11/4/22	Wed 13/4/22
530	**Zone B (GL 9 to 18 /F to K)**	**53 days**	**Mon 14/2/22**	**Mon 25/4/22**
531	Light Weight Concrete Blocks	7 days	Mon 14/2/22	Tue 22/2/22



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Task	Inactive Task	Manual Summary Rollup	External Milestone	Manual Progress
Split	Inactive Milestone	Manual Summary	Deadline	
Milestone	Inactive Summary	Start-only	Critical	
Summary	Manual Task	Finish-only	Critical Split	
Project Summary	Duration-only	External Tasks	Progress	

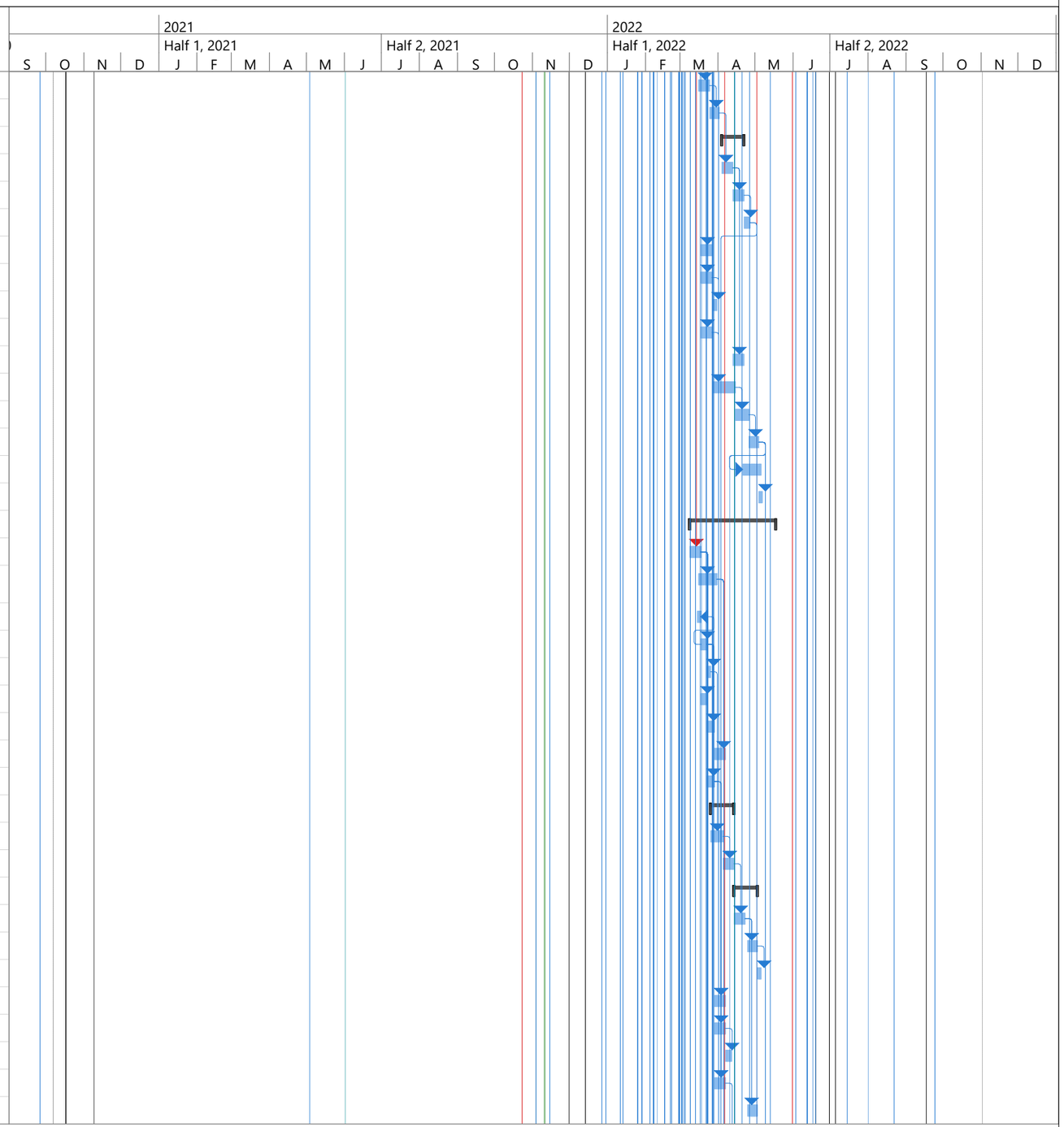
ID	Task Name	Duration	Start	Finish
532	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	12 days	Mon 21/2/22	Mon 7/3/22
533	1st Waterponding Test	3 days	Fri 18/2/22	Wed 23/2/22
534	Waterproofing & Protective Screed	3 days	Wed 23/2/22	Fri 25/2/22
535	2nd Waterponding Test	3 days	Mon 28/2/22	Wed 2/3/22
536	External Window Installation	3 days	Wed 23/2/22	Fri 25/2/22
537	Drywall Partition	5 days	Mon 28/2/22	Fri 4/3/22
538	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Sat 5/3/22	Mon 14/3/22
539	Door Frame / Window Frame Installations	5 days	Mon 28/2/22	Fri 4/3/22
540	Floor Finishes	14 days	Thu 3/3/22	Mon 21/3/22
541	Screeding	7 days	Thu 3/3/22	Thu 10/3/22
542	Floor Tile	7 days	Fri 11/3/22	Mon 21/3/22
543	Wall Finishes	14 days	Tue 22/3/22	Thu 7/4/22
544	Wall Tile	7 days	Tue 22/3/22	Tue 29/3/22
545	Plastering / Skim Coat	7 days	Wed 30/3/22	Thu 7/4/22
546	3rd Waterponding Test	3 days	Fri 8/4/22	Tue 12/4/22
547	Railings/ Other metal Works	7 days	Sat 5/3/22	Mon 14/3/22
548	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Sat 5/3/22	Mon 14/3/22
549	Installation of Ironmongeries	3 days	Tue 15/3/22	Thu 17/3/22
550	Installation of False Ceiling	7 days	Sat 5/3/22	Mon 14/3/22
551	Installation of Sanitary Wares & Toilet Cubicles	7 days	Wed 30/3/22	Thu 7/4/22
552	Installation of Carpentry Works & Fitments	14 days	Tue 15/3/22	Thu 31/3/22
553	Installation of Vinyl Flooring & Other Finishes	7 days	Fri 1/4/22	Mon 11/4/22
554	Internal Painting	7 days	Tue 12/4/22	Wed 20/4/22
555	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	12 days	Thu 7/4/22	Fri 22/4/22
556	Signages	3 days	Thu 21/4/22	Mon 25/4/22
557	**4th Storey (Interior Works)**	**61 days**	**Mon 28/2/22**	**Tue 17/5/22**
558	**Zone A (GL 1 to 8/ A to E)**	**53 days**	**Mon 28/2/22**	**Fri 6/5/22**
559	Light Weight Concrete Blocks	7 days	Mon 28/2/22	Mon 7/3/22
560	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	12 days	Sat 5/3/22	Mon 21/3/22
561	1st Waterponding Test	3 days	Fri 4/3/22	Tue 8/3/22
562	Waterproofing & Protective Screed	3 days	Tue 8/3/22	Thu 10/3/22
563	2nd Waterponding Test	3 days	Fri 11/3/22	Tue 15/3/22
564	External Window Installation	3 days	Tue 8/3/22	Thu 10/3/22
565	Drywall Partition	5 days	Fri 11/3/22	Thu 17/3/22
566	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Fri 18/3/22	Sat 26/3/22
567	Door Frame / Window Frame Installations	5 days	Fri 11/3/22	Thu 17/3/22
568	Floor Finishes	14 days	Wed 16/3/22	Fri 1/4/22



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Task	Inactive Task	Manual Summary Rollup	External Milestone	Manual Progress
Split	Inactive Milestone	Manual Summary	Deadline	
Milestone	Inactive Summary	Start-only	Critical	
Summary	Manual Task	Finish-only	Critical Split	
Project Summary	Duration-only	External Tasks	Progress	

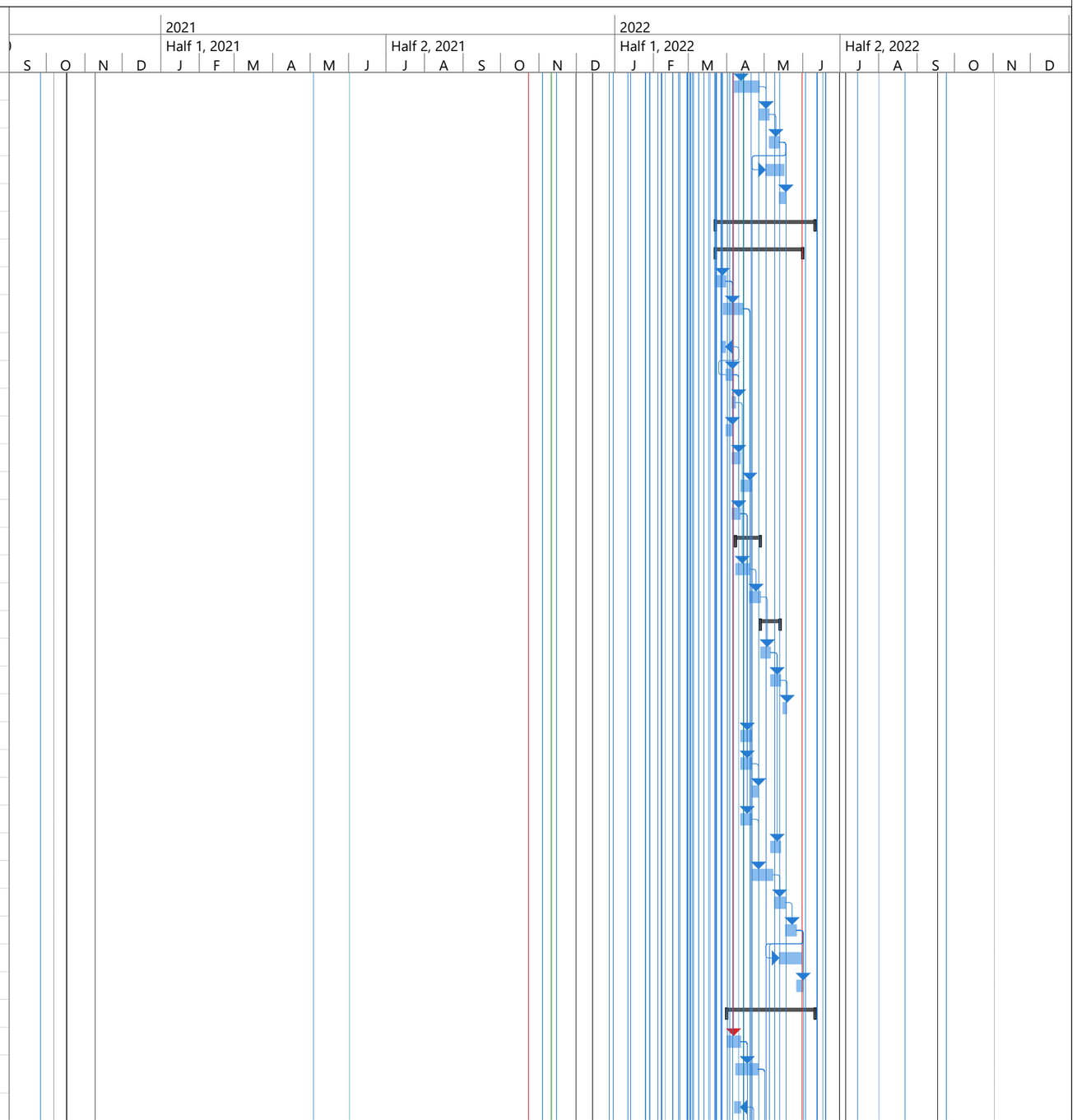
ID	Task Name	Duration	Start	Finish
569	Screeding	7 days	Wed 16/3/22	Thu 24/3/22
570	Floor Tile	7 days	Fri 25/3/22	Fri 1/4/22
571	Wall Finishes	14 days	Mon 4/4/22	Thu 21/4/22
572	Wall Tile	7 days	Mon 4/4/22	Tue 12/4/22
573	Plastering / Skim Coat	7 days	Wed 13/4/22	Thu 21/4/22
574	3rd Waterponding Test	3 days	Fri 22/4/22	Tue 26/4/22
575	Railings/ Other metal Works	7 days	Fri 18/3/22	Sat 26/3/22
576	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Fri 18/3/22	Sat 26/3/22
577	Installation of Ironmongeries	3 days	Mon 28/3/22	Wed 30/3/22
578	Installation of False Ceiling	7 days	Fri 18/3/22	Sat 26/3/22
579	Installation of Sanitary Wares & Toilet Cubicles	7 days	Wed 13/4/22	Thu 21/4/22
580	Installation of Carpentry Works & Fitments	14 days	Mon 28/3/22	Thu 14/4/22
581	Installation of Vinyl Flooring & Other Finishes	7 days	Fri 15/4/22	Mon 25/4/22
582	Internal Painting	7 days	Tue 26/4/22	Tue 3/5/22
583	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	12 days	Thu 21/4/22	Thu 5/5/22
584	Signages	3 days	Wed 4/5/22	Fri 6/5/22
585	**Zone B (GL 9 to 18 /F to K)**	**53 days**	**Wed 9/3/22**	**Tue 17/5/22**
586	Light Weight Concrete Blocks	7 days	Wed 9/3/22	Thu 17/3/22
587	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	12 days	Wed 16/3/22	Wed 30/3/22
588	1st Waterponding Test	3 days	Tue 15/3/22	Fri 18/3/22
589	Waterproofing & Protective Screed	3 days	Fri 18/3/22	Tue 22/3/22
590	2nd Waterponding Test	3 days	Wed 23/3/22	Fri 25/3/22
591	External Window Installation	3 days	Fri 18/3/22	Tue 22/3/22
592	Drywall Partition	5 days	Wed 23/3/22	Mon 28/3/22
593	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Tue 29/3/22	Wed 6/4/22
594	Door Frame / Window Frame Installations	5 days	Wed 23/3/22	Mon 28/3/22
595	Floor Finishes	14 days	Sat 26/3/22	Wed 13/4/22
596	Screeding	7 days	Sat 26/3/22	Mon 4/4/22
597	Floor Tile	7 days	Tue 5/4/22	Wed 13/4/22
598	Wall Finishes	14 days	Thu 14/4/22	Mon 2/5/22
599	Wall Tile	7 days	Thu 14/4/22	Fri 22/4/22
600	Plastering / Skim Coat	7 days	Mon 25/4/22	Mon 2/5/22
601	3rd Waterponding Test	3 days	Tue 3/5/22	Thu 5/5/22
602	Railings/ Other metal Works	7 days	Tue 29/3/22	Wed 6/4/22
603	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Tue 29/3/22	Wed 6/4/22
604	Installation of Ironmongeries	3 days	Thu 7/4/22	Mon 11/4/22
605	Installation of False Ceiling	7 days	Tue 29/3/22	Wed 6/4/22
606	Installation of Sanitary Wares & Toilet Cubicles	7 days	Mon 25/4/22	Mon 2/5/22



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Inactive Milestone
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Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

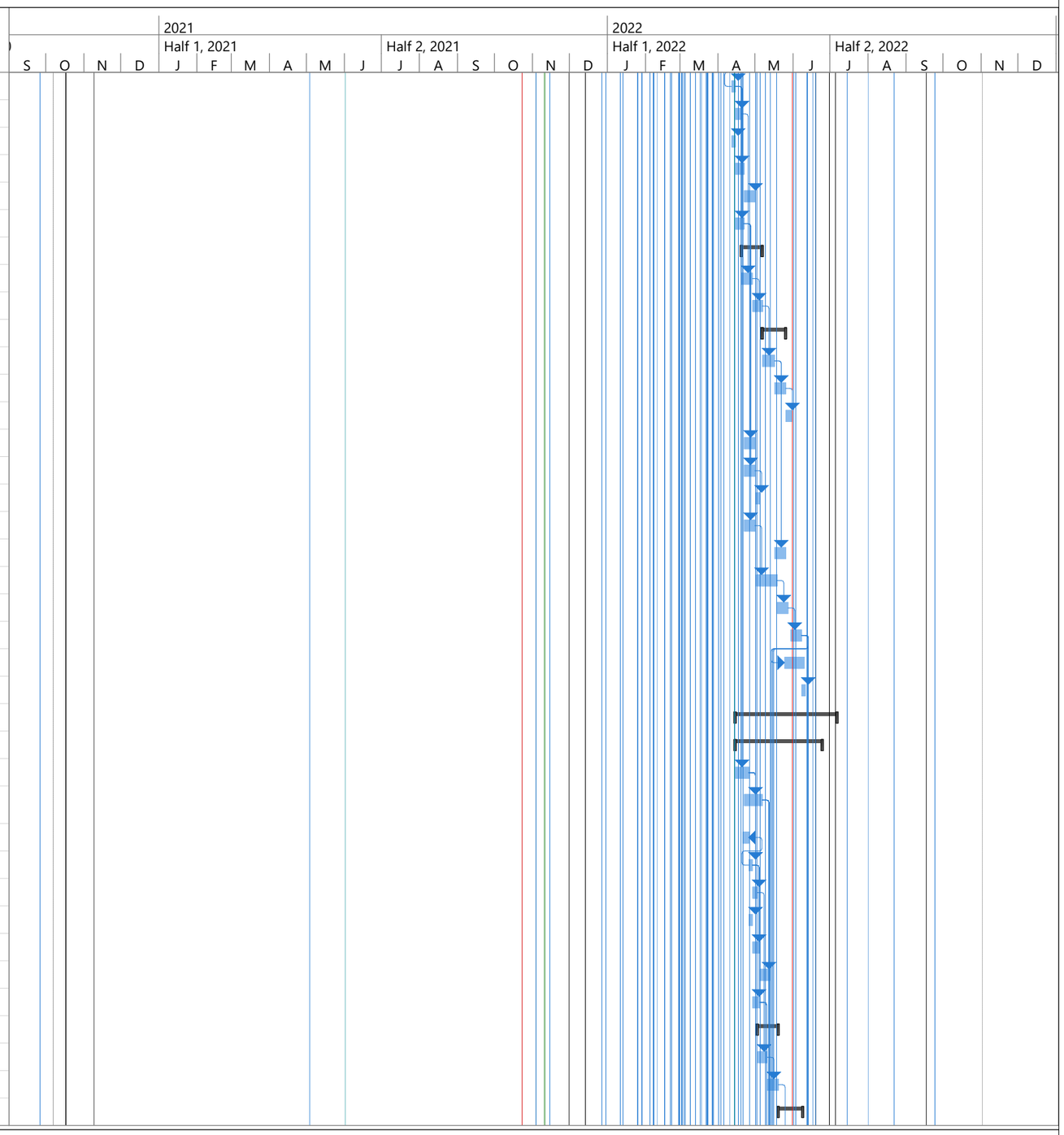
ID	Task Name	Duration	Start	Finish
607	Installation of Carpentry Works & Fitments	14 days	Thu 7/4/22	Tue 26/4/22
608	Installation of Vinyl Flooring & Other Finishes	7 days	Wed 27/4/22	Wed 4/5/22
609	Internal Painting	7 days	Thu 5/5/22	Thu 12/5/22
610	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	12 days	Mon 2/5/22	Mon 16/5/22
611	Signages	3 days	Fri 13/5/22	Tue 17/5/22
612	**5th Storey (Interior Works)**	**61 days**	**Wed 23/3/22**	**Fri 10/6/22**
613	**Zone A (GL 1 to 8/ A to E)**	**53 days**	**Wed 23/3/22**	**Tue 31/5/22**
614	Light Weight Concrete Blocks	7 days	Wed 23/3/22	Wed 30/3/22
615	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	12 days	Tue 29/3/22	Wed 13/4/22
616	1st Waterponding Test	3 days	Mon 28/3/22	Thu 31/3/22
617	Waterproofing & Protective Screed	3 days	Thu 31/3/22	Mon 4/4/22
618	2nd Waterponding Test	3 days	Tue 5/4/22	Thu 7/4/22
619	External Window Installation	3 days	Thu 31/3/22	Mon 4/4/22
620	Drywall Partition	5 days	Tue 5/4/22	Mon 11/4/22
621	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Tue 12/4/22	Wed 20/4/22
622	Door Frame / Window Frame Installations	5 days	Tue 5/4/22	Mon 11/4/22
623	Floor Finishes	14 days	Fri 8/4/22	Wed 27/4/22
624	Screeding	7 days	Fri 8/4/22	Mon 18/4/22
625	Floor Tile	7 days	Tue 19/4/22	Wed 27/4/22
626	Wall Finishes	14 days	Thu 28/4/22	Fri 13/5/22
627	Wall Tile	7 days	Thu 28/4/22	Thu 5/5/22
628	Plastering / Skim Coat	7 days	Fri 6/5/22	Fri 13/5/22
629	3rd Waterponding Test	3 days	Mon 16/5/22	Wed 18/5/22
630	Railings/ Other metal Works	7 days	Tue 12/4/22	Wed 20/4/22
631	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Tue 12/4/22	Wed 20/4/22
632	Installation of Ironmongeries	3 days	Thu 21/4/22	Mon 25/4/22
633	Installation of False Ceiling	7 days	Tue 12/4/22	Wed 20/4/22
634	Installation of Sanitary Wares & Toilet Cubicles	7 days	Fri 6/5/22	Fri 13/5/22
635	Installation of Carpentry Works & Fitments	14 days	Thu 21/4/22	Sat 7/5/22
636	Installation of Vinyl Flooring & Other Finishes	7 days	Mon 9/5/22	Tue 17/5/22
637	Internal Painting	7 days	Wed 18/5/22	Thu 26/5/22
638	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	12 days	Fri 13/5/22	Mon 30/5/22
639	Signages	3 days	Fri 27/5/22	Tue 31/5/22
640	**Zone B (GL 9 to 18 /F to K)**	**53 days**	**Fri 1/4/22**	**Fri 10/6/22**
641	Light Weight Concrete Blocks	7 days	Fri 1/4/22	Mon 11/4/22
642	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	12 days	Fri 8/4/22	Mon 25/4/22
643	1st Waterponding Test	3 days	Thu 7/4/22	Tue 12/4/22



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Task	Inactive Task	Manual Summary Rollup	External Milestone	Manual Progress
Split	Inactive Milestone	Manual Summary	Deadline	
Milestone	Inactive Summary	Start-only	Critical	
Summary	Manual Task	Finish-only	Critical Split	
Project Summary	Duration-only	External Tasks	Progress	

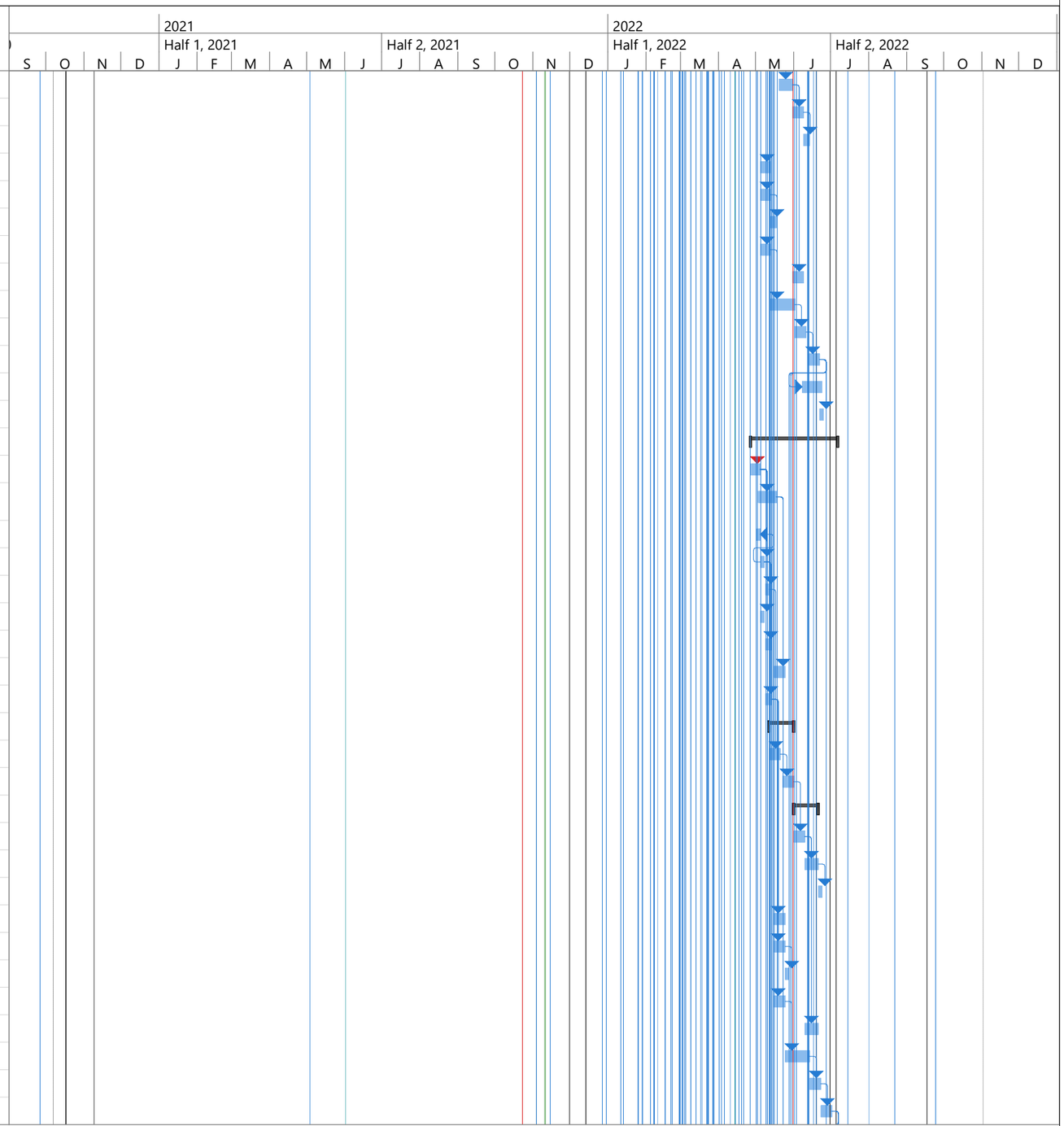
ID	Task Name	Duration	Start	Finish
644	Waterproofing & Protective Screed	3 days	Tue 12/4/22	Thu 14/4/22
645	2nd Waterponding Test	3 days	Fri 15/4/22	Tue 19/4/22
646	External Window Installation	3 days	Tue 12/4/22	Thu 14/4/22
647	Drywall Partition	5 days	Fri 15/4/22	Thu 21/4/22
648	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Fri 22/4/22	Sat 30/4/22
649	Door Frame / Window Frame Installations	5 days	Fri 15/4/22	Thu 21/4/22
650	Floor Finishes	14 days	Wed 20/4/22	Fri 6/5/22
651	Screeding	7 days	Wed 20/4/22	Thu 28/4/22
652	Floor Tile	7 days	Fri 29/4/22	Fri 6/5/22
653	Wall Finishes	14 days	Sat 7/5/22	Wed 25/5/22
654	Wall Tile	7 days	Sat 7/5/22	Mon 16/5/22
655	Plastering / Skim Coat	7 days	Tue 17/5/22	Wed 25/5/22
656	3rd Waterponding Test	3 days	Thu 26/5/22	Mon 30/5/22
657	Railings/ Other metal Works	7 days	Fri 22/4/22	Sat 30/4/22
658	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Fri 22/4/22	Sat 30/4/22
659	Installation of Ironmongeries	3 days	Mon 2/5/22	Wed 4/5/22
660	Installation of False Ceiling	7 days	Fri 22/4/22	Sat 30/4/22
661	Installation of Sanitary Wares & Toilet Cubicles	7 days	Tue 17/5/22	Wed 25/5/22
662	Installation of Carpentry Works & Fitments	14 days	Mon 2/5/22	Wed 18/5/22
663	Installation of Vinyl Flooring & Other Finishes	7 days	Thu 19/5/22	Fri 27/5/22
664	Internal Painting	7 days	Mon 30/5/22	Tue 7/6/22
665	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	12 days	Wed 25/5/22	Thu 9/6/22
666	Signages	3 days	Wed 8/6/22	Fri 10/6/22
667	**6th Storey (Interior Works)**	**61 days**	**Fri 15/4/22**	**Wed 6/7/22**
668	**Zone A (GL 1 to 8/ A to E)**	**53 days**	**Fri 15/4/22**	**Fri 24/6/22**
669	Light Weight Concrete Blocks	7 days	Fri 15/4/22	Mon 25/4/22
670	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	12 days	Fri 22/4/22	Fri 6/5/22
671	1st Waterponding Test	3 days	Thu 21/4/22	Tue 26/4/22
672	Waterproofing & Protective Screed	3 days	Tue 26/4/22	Thu 28/4/22
673	2nd Waterponding Test	3 days	Fri 29/4/22	Mon 2/5/22
674	External Window Installation	3 days	Tue 26/4/22	Thu 28/4/22
675	Drywall Partition	5 days	Fri 29/4/22	Wed 4/5/22
676	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Thu 5/5/22	Thu 12/5/22
677	Door Frame / Window Frame Installations	5 days	Fri 29/4/22	Wed 4/5/22
678	Floor Finishes	14 days	Tue 3/5/22	Thu 19/5/22
679	Screeding	7 days	Tue 3/5/22	Tue 10/5/22
680	Floor Tile	7 days	Wed 11/5/22	Thu 19/5/22
681	Wall Finishes	14 days	Fri 20/5/22	Wed 8/6/22



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Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

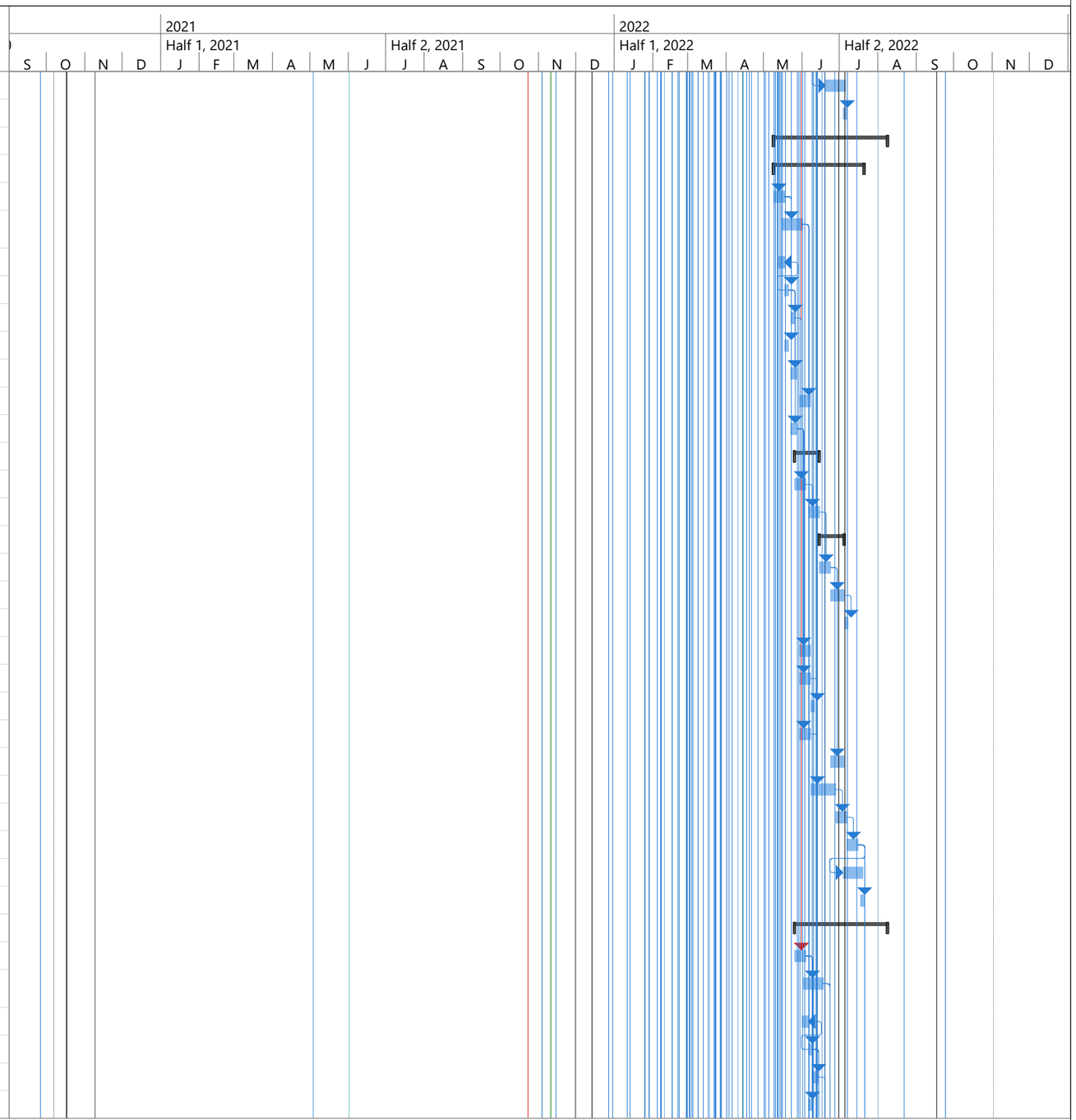
ID	Task Name	Duration	Start	Finish
682	Wall Tile	7 days	Fri 20/5/22	Mon 30/5/22
683	Plastering / Skim Coat	7 days	Tue 31/5/22	Wed 8/6/22
684	3rd Waterponding Test	3 days	Thu 9/6/22	Mon 13/6/22
685	Railings/ Other metal Works	7 days	Thu 5/5/22	Thu 12/5/22
686	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Thu 5/5/22	Thu 12/5/22
687	Installation of Ironmongeries	3 days	Fri 13/5/22	Tue 17/5/22
688	Installation of False Ceiling	7 days	Thu 5/5/22	Thu 12/5/22
689	Installation of Sanitary Wares & Toilet Cubicles	7 days	Tue 31/5/22	Wed 8/6/22
690	Installation of Carpentry Works & Fitments	14 days	Fri 13/5/22	Wed 1/6/22
691	Installation of Vinyl Flooring & Other Finishes	7 days	Thu 2/6/22	Fri 10/6/22
692	Internal Painting	7 days	Mon 13/6/22	Tue 21/6/22
693	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	12 days	Wed 8/6/22	Thu 23/6/22
694	Signages	3 days	Wed 22/6/22	Fri 24/6/22
695	**Zone B (GL 9 to 18 /F to K)**	**53 days**	**Wed 27/4/22**	**Wed 6/7/22**
696	Light Weight Concrete Blocks	7 days	Wed 27/4/22	Wed 4/5/22
697	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	12 days	Tue 3/5/22	Tue 17/5/22
698	1st Waterponding Test	3 days	Mon 2/5/22	Thu 5/5/22
699	Waterproofing & Protective Screed	3 days	Thu 5/5/22	Sat 7/5/22
700	2nd Waterponding Test	3 days	Mon 9/5/22	Wed 11/5/22
701	External Window Installation	3 days	Thu 5/5/22	Sat 7/5/22
702	Drywall Partition	5 days	Mon 9/5/22	Fri 13/5/22
703	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Mon 16/5/22	Tue 24/5/22
704	Door Frame / Window Frame Installations	5 days	Mon 9/5/22	Fri 13/5/22
705	Floor Finishes	14 days	Thu 12/5/22	Tue 31/5/22
706	Screeding	7 days	Thu 12/5/22	Fri 20/5/22
707	Floor Tile	7 days	Mon 23/5/22	Tue 31/5/22
708	Wall Finishes	14 days	Wed 1/6/22	Mon 20/6/22
709	Wall Tile	7 days	Wed 1/6/22	Thu 9/6/22
710	Plastering / Skim Coat	7 days	Fri 10/6/22	Mon 20/6/22
711	3rd Waterponding Test	3 days	Tue 21/6/22	Thu 23/6/22
712	Railings/ Other metal Works	7 days	Mon 16/5/22	Tue 24/5/22
713	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Mon 16/5/22	Tue 24/5/22
714	Installation of Ironmongeries	3 days	Wed 25/5/22	Fri 27/5/22
715	Installation of False Ceiling	7 days	Mon 16/5/22	Tue 24/5/22
716	Installation of Sanitary Wares & Toilet Cubicles	7 days	Fri 10/6/22	Mon 20/6/22
717	Installation of Carpentry Works & Fitments	14 days	Wed 25/5/22	Mon 13/6/22
718	Installation of Vinyl Flooring & Other Finishes	7 days	Tue 14/6/22	Wed 22/6/22
719	Internal Painting	7 days	Thu 23/6/22	Fri 1/7/22



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Milestone
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Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
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Finish-only
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Deadline
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Critical Split
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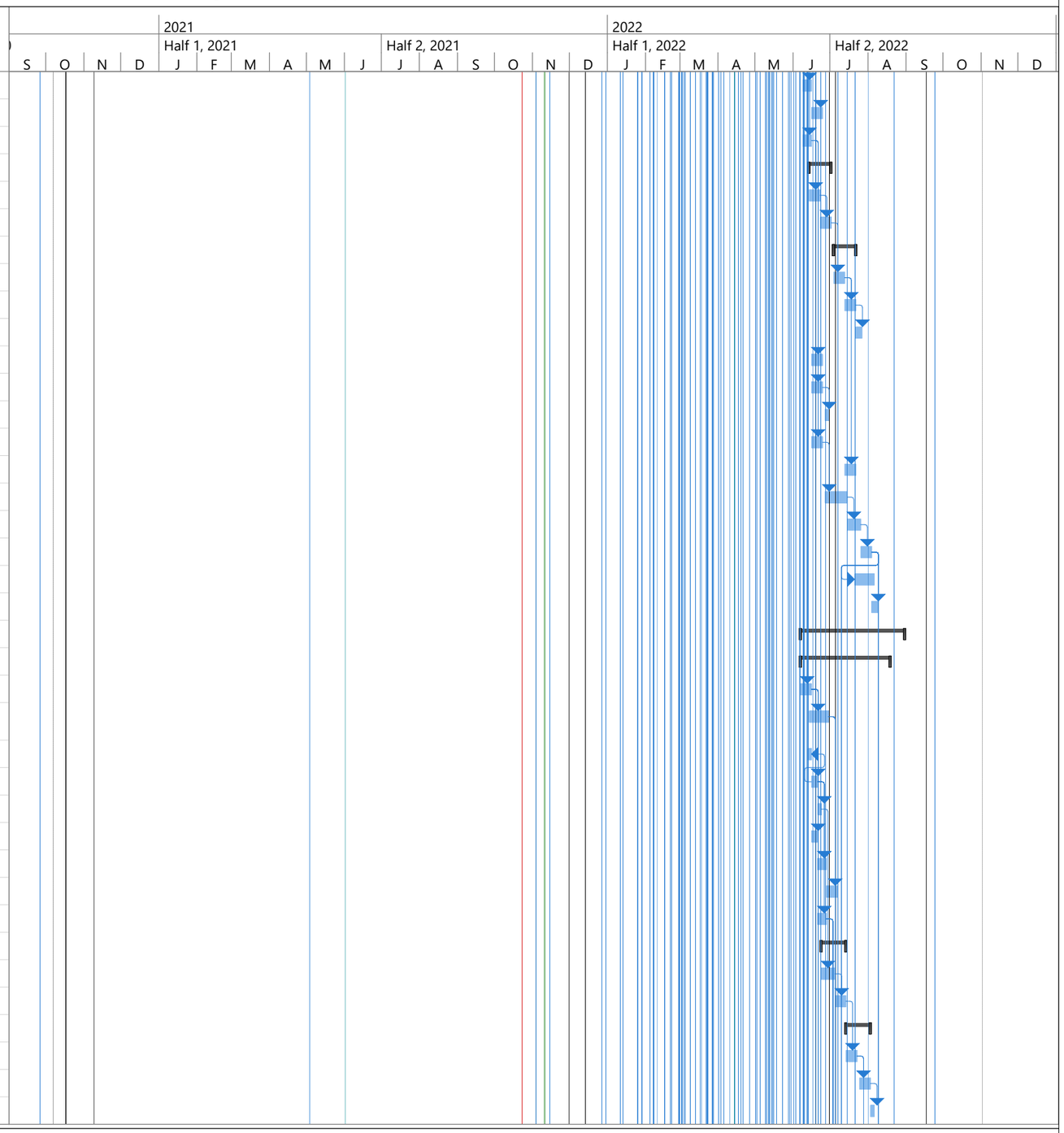
ID	Task Name	Duration	Start	Finish
720	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	12 days	Mon 20/6/22	Tue 5/7/22
721	Signages	3 days	Mon 4/7/22	Wed 6/7/22
722	**7th Storey (Interior Works)**	**66 days**	**Mon 9/5/22**	**Mon 8/8/22**
723	**Zone A (GL 1 to 8/ A to E)**	**53 days**	**Mon 9/5/22**	**Wed 20/7/22**
724	Light Weight Concrete Blocks	7 days	Mon 9/5/22	Tue 17/5/22
725	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	12 days	Mon 16/5/22	Tue 31/5/22
726	1st Waterponding Test	3 days	Fri 13/5/22	Wed 18/5/22
727	Waterproofing & Protective Screed	3 days	Wed 18/5/22	Fri 20/5/22
728	2nd Waterponding Test	3 days	Mon 23/5/22	Wed 25/5/22
729	External Window Installation	3 days	Wed 18/5/22	Fri 20/5/22
730	Drywall Partition	5 days	Mon 23/5/22	Fri 27/5/22
731	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Mon 30/5/22	Tue 7/6/22
732	Door Frame / Window Frame Installations	5 days	Mon 23/5/22	Fri 27/5/22
733	Floor Finishes	14 days	Thu 26/5/22	Tue 14/6/22
734	Screeding	7 days	Thu 26/5/22	Fri 3/6/22
735	Floor Tile	7 days	Mon 6/6/22	Tue 14/6/22
736	Wall Finishes	14 days	Wed 15/6/22	Mon 4/7/22
737	Wall Tile	7 days	Wed 15/6/22	Thu 23/6/22
738	Plastering / Skim Coat	7 days	Fri 24/6/22	Mon 4/7/22
739	3rd Waterponding Test	3 days	Tue 5/7/22	Thu 7/7/22
740	Railings/ Other metal Works	7 days	Mon 30/5/22	Tue 7/6/22
741	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Mon 30/5/22	Tue 7/6/22
742	Installation of Ironmongeries	3 days	Wed 8/6/22	Fri 10/6/22
743	Installation of False Ceiling	7 days	Mon 30/5/22	Tue 7/6/22
744	Installation of Sanitary Wares & Toilet Cubicles	7 days	Fri 24/6/22	Mon 4/7/22
745	Installation of Carpentry Works & Fitments	14 days	Wed 8/6/22	Mon 27/6/22
746	Installation of Vinyl Flooring & Other Finishes	7 days	Tue 28/6/22	Wed 6/7/22
747	Internal Painting	7 days	Thu 7/7/22	Fri 15/7/22
748	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	12 days	Mon 4/7/22	Tue 19/7/22
749	Signages	3 days	Mon 18/7/22	Wed 20/7/22
750	**Zone B (GL 9 to 18 /F to K)**	**53 days**	**Thu 26/5/22**	**Mon 8/8/22**
751	Light Weight Concrete Blocks	7 days	Thu 26/5/22	Fri 3/6/22
752	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	12 days	Thu 2/6/22	Fri 17/6/22
753	1st Waterponding Test	3 days	Wed 1/6/22	Mon 6/6/22
754	Waterproofing & Protective Screed	3 days	Mon 6/6/22	Wed 8/6/22
755	2nd Waterponding Test	3 days	Thu 9/6/22	Mon 13/6/22
756	External Window Installation	3 days	Mon 6/6/22	Wed 8/6/22



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Task	Inactive Task	Manual Summary Rollup	External Milestone	Manual Progress
Split	Inactive Milestone	Manual Summary	Deadline
Milestone	Inactive Summary	Start-only	Critical
Summary	Manual Task	Finish-only	Critical Split
Project Summary	Duration-only	External Tasks	Progress

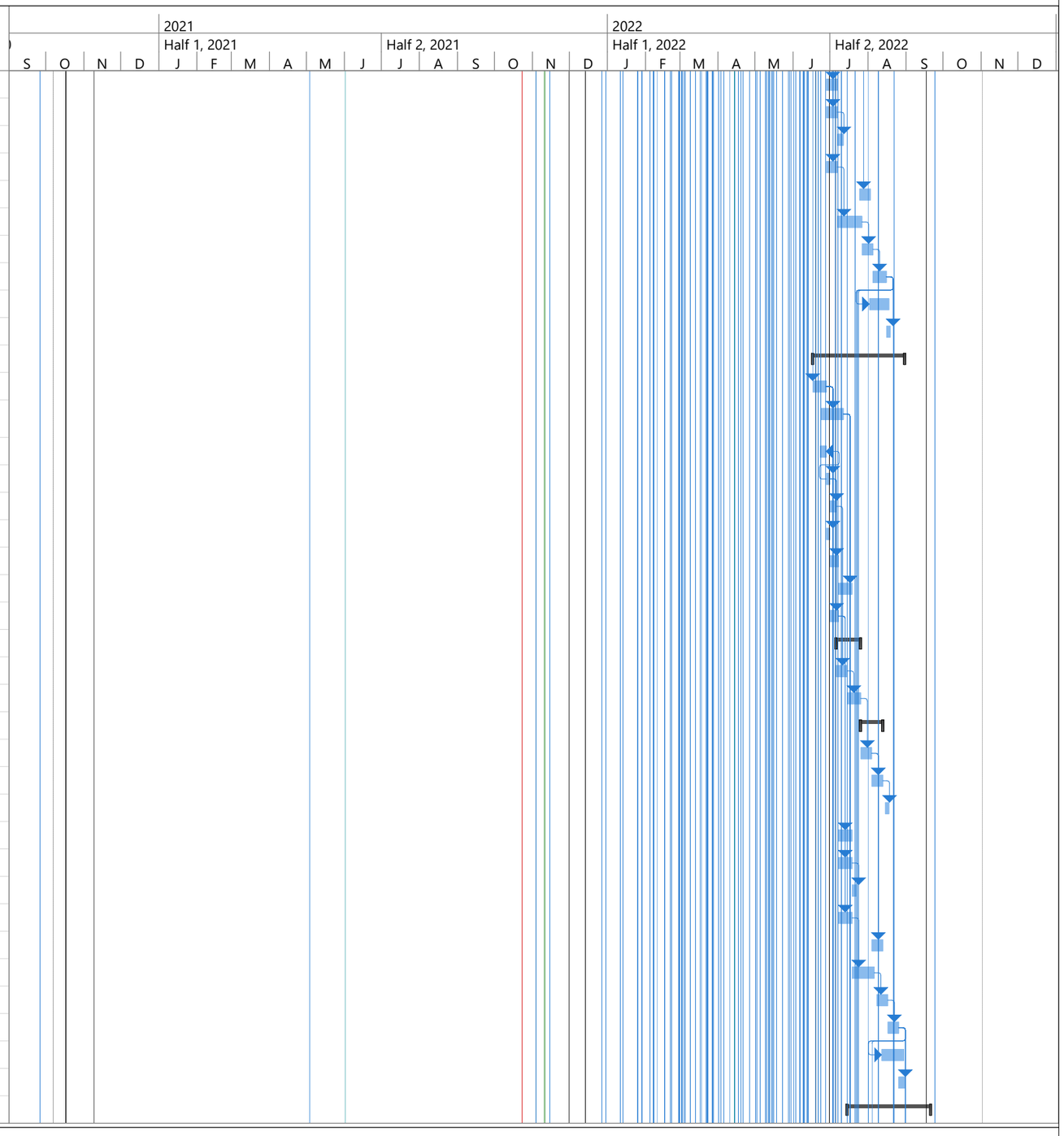
ID	Task Name	Duration	Start	Finish
757	Drywall Partition	5 days	Thu 9/6/22	Wed 15/6/22
758	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Thu 16/6/22	Fri 24/6/22
759	Door Frame / Window Frame Installations	5 days	Thu 9/6/22	Wed 15/6/22
760	Floor Finishes	14 days	Tue 14/6/22	Fri 1/7/22
761	Screeding	7 days	Tue 14/6/22	Wed 22/6/22
762	Floor Tile	7 days	Thu 23/6/22	Fri 1/7/22
763	Wall Finishes	14 days	Mon 4/7/22	Thu 21/7/22
764	Wall Tile	7 days	Mon 4/7/22	Tue 12/7/22
765	Plastering / Skim Coat	7 days	Wed 13/7/22	Thu 21/7/22
766	3rd Waterponding Test	3 days	Fri 22/7/22	Tue 26/7/22
767	Railings/ Other metal Works	7 days	Thu 16/6/22	Fri 24/6/22
768	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Thu 16/6/22	Fri 24/6/22
769	Installation of Ironmongeries	3 days	Mon 27/6/22	Wed 29/6/22
770	Installation of False Ceiling	7 days	Thu 16/6/22	Fri 24/6/22
771	Installation of Sanitary Wares & Toilet Cubicles	7 days	Wed 13/7/22	Thu 21/7/22
772	Installation of Carpentry Works & Fitments	14 days	Mon 27/6/22	Thu 14/7/22
773	Installation of Vinyl Flooring & Other Finishes	7 days	Fri 15/7/22	Mon 25/7/22
774	Internal Painting	7 days	Tue 26/7/22	Wed 3/8/22
775	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	12 days	Thu 21/7/22	Fri 5/8/22
776	Signages	3 days	Thu 4/8/22	Mon 8/8/22
777	**8th Storey (Interior Works)**	**61 days**	**Tue 7/6/22**	**Tue 30/8/22**
778	**Zone A (GL 1 to 8/ A to E)**	**53 days**	**Tue 7/6/22**	**Thu 18/8/22**
779	Light Weight Concrete Blocks	7 days	Tue 7/6/22	Wed 15/6/22
780	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	12 days	Tue 14/6/22	Wed 29/6/22
781	1st Waterponding Test	3 days	Mon 13/6/22	Thu 16/6/22
782	Waterproofing & Protective Screed	3 days	Thu 16/6/22	Mon 20/6/22
783	2nd Waterponding Test	3 days	Tue 21/6/22	Thu 23/6/22
784	External Window Installation	3 days	Thu 16/6/22	Mon 20/6/22
785	Drywall Partition	5 days	Tue 21/6/22	Mon 27/6/22
786	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Tue 28/6/22	Wed 6/7/22
787	Door Frame / Window Frame Installations	5 days	Tue 21/6/22	Mon 27/6/22
788	Floor Finishes	14 days	Fri 24/6/22	Wed 13/7/22
789	Screeding	7 days	Fri 24/6/22	Mon 4/7/22
790	Floor Tile	7 days	Tue 5/7/22	Wed 13/7/22
791	Wall Finishes	14 days	Thu 14/7/22	Tue 2/8/22
792	Wall Tile	7 days	Thu 14/7/22	Fri 22/7/22
793	Plastering / Skim Coat	7 days	Mon 25/7/22	Tue 2/8/22
794	3rd Waterponding Test	3 days	Wed 3/8/22	Fri 5/8/22



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Task
Split
Milestone
Summary
Project Summary
Inactive Task
Inactive Milestone
Inactive Summary
Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

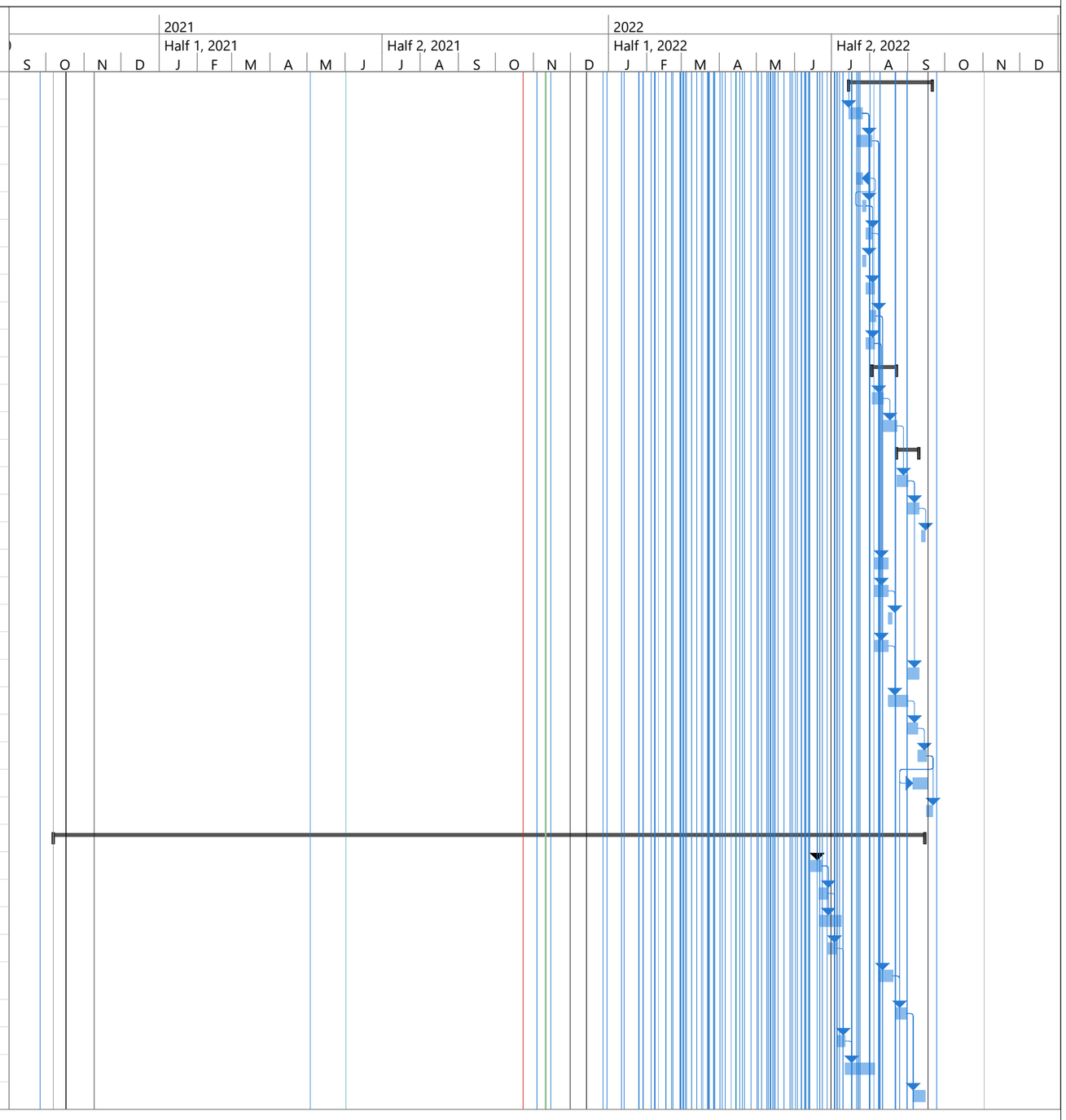
ID	Task Name	Duration	Start	Finish
795	Railings/ Other metal Works	7 days	Tue 28/6/22	Wed 6/7/22
796	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Tue 28/6/22	Wed 6/7/22
797	Installation of Ironmongeries	3 days	Thu 7/7/22	Mon 11/7/22
798	Installation of False Ceiling	7 days	Tue 28/6/22	Wed 6/7/22
799	Installation of Sanitary Wares & Toilet Cubicles	7 days	Mon 25/7/22	Tue 2/8/22
800	Installation of Carpentry Works & Fitments	14 days	Thu 7/7/22	Tue 26/7/22
801	Installation of Vinyl Flooring & Other Finishes	7 days	Wed 27/7/22	Thu 4/8/22
802	Internal Painting	7 days	Fri 5/8/22	Mon 15/8/22
803	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	12 days	Tue 2/8/22	Wed 17/8/22
804	Signages	3 days	Tue 16/8/22	Thu 18/8/22
805	**Zone B (GL 9 to 18 /F to K)**	**53 days**	**Fri 17/6/22**	**Tue 30/8/22**
806	Light Weight Concrete Blocks	7 days	Fri 17/6/22	Mon 27/6/22
807	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	12 days	Fri 24/6/22	Mon 11/7/22
808	1st Waterponding Test	3 days	Thu 23/6/22	Tue 28/6/22
809	Waterproofing & Protective Screed	3 days	Tue 28/6/22	Thu 30/6/22
810	2nd Waterponding Test	3 days	Fri 1/7/22	Tue 5/7/22
811	External Window Installation	3 days	Tue 28/6/22	Thu 30/6/22
812	Drywall Partition	5 days	Fri 1/7/22	Thu 7/7/22
813	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Fri 8/7/22	Mon 18/7/22
814	Door Frame / Window Frame Installations	5 days	Fri 1/7/22	Thu 7/7/22
815	Floor Finishes	14 days	Wed 6/7/22	Mon 25/7/22
816	Screeding	7 days	Wed 6/7/22	Thu 14/7/22
817	Floor Tile	7 days	Fri 15/7/22	Mon 25/7/22
818	Wall Finishes	14 days	Tue 26/7/22	Fri 12/8/22
819	Wall Tile	7 days	Tue 26/7/22	Wed 3/8/22
820	Plastering / Skim Coat	7 days	Thu 4/8/22	Fri 12/8/22
821	3rd Waterponding Test	3 days	Mon 15/8/22	Wed 17/8/22
822	Railings/ Other metal Works	7 days	Fri 8/7/22	Mon 18/7/22
823	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Fri 8/7/22	Mon 18/7/22
824	Installation of Ironmongeries	3 days	Tue 19/7/22	Thu 21/7/22
825	Installation of False Ceiling	7 days	Fri 8/7/22	Mon 18/7/22
826	Installation of Sanitary Wares & Toilet Cubicles	7 days	Thu 4/8/22	Fri 12/8/22
827	Installation of Carpentry Works & Fitments	14 days	Tue 19/7/22	Fri 5/8/22
828	Installation of Vinyl Flooring & Other Finishes	7 days	Mon 8/8/22	Tue 16/8/22
829	Internal Painting	7 days	Wed 17/8/22	Thu 25/8/22
830	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	12 days	Fri 12/8/22	Mon 29/8/22
831	Signages	3 days	Fri 26/8/22	Tue 30/8/22
832	**9th Storey (Interior Works)**	**48 days**	**Fri 15/7/22**	**Tue 20/9/22**



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Task	Inactive Task	Manual Summary Rollup	External Milestone	Manual Progress	
Split	Inactive Milestone	Manual Summary	Deadline		
Milestone	Inactive Summary	Start-only	Critical		
Summary	Manual Task	Finish-only	Critical Split		
Project Summary	Duration-only	External Tasks	Progress		

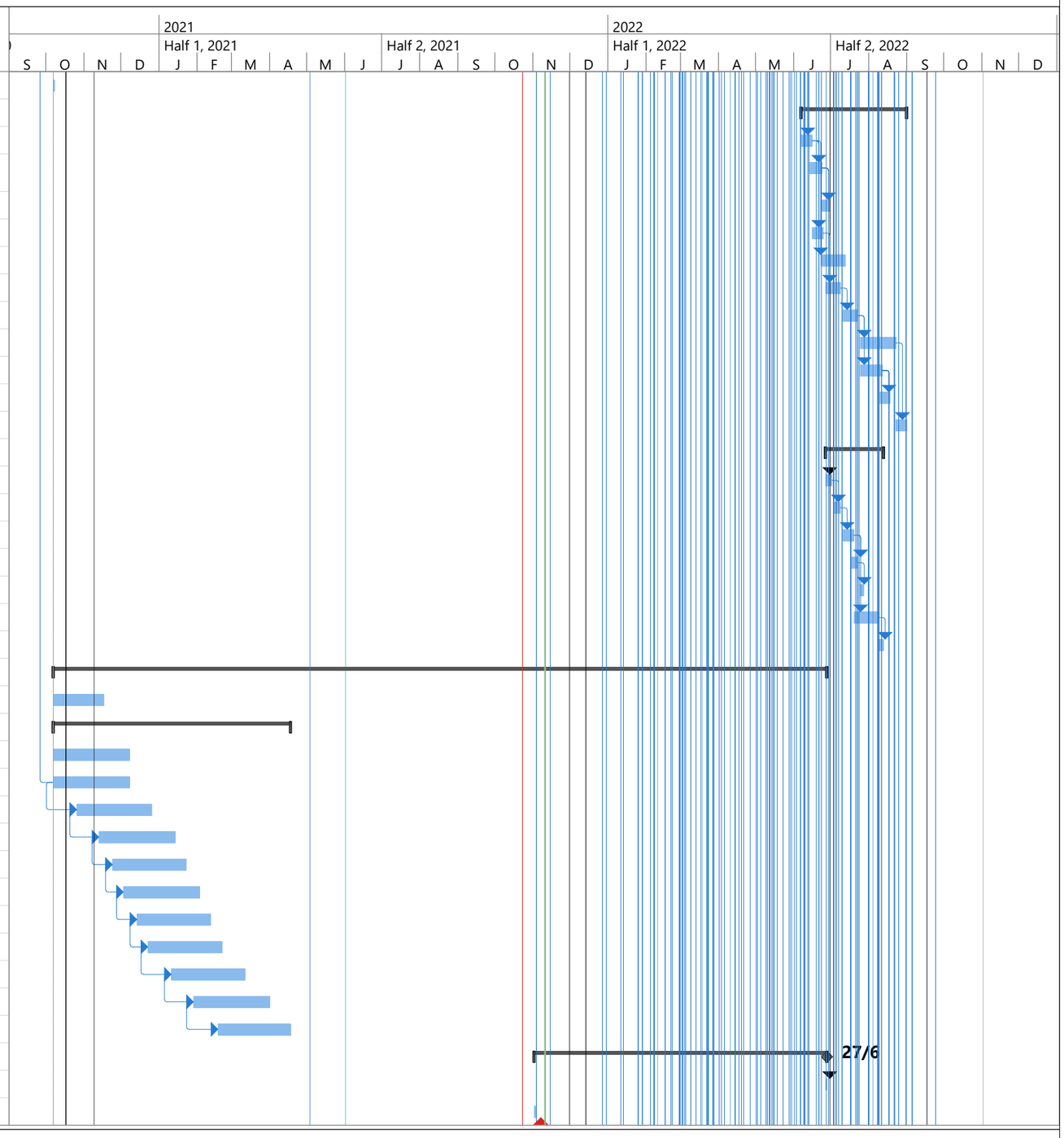
ID	Task Name	Duration	Start	Finish
833	**Zone A (GL 1 to 8/ A to E)**	**48 days**	**Fri 15/7/22**	**Tue 20/9/22**
834	Light Weight Concrete Blocks	7 days	Fri 15/7/22	Mon 25/7/22
835	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	8 days	Fri 22/7/22	Tue 2/8/22
836	1st Waterponding Test	3 days	Thu 21/7/22	Tue 26/7/22
837	Waterproofing & Protective Screed	3 days	Tue 26/7/22	Thu 28/7/22
838	2nd Waterponding Test	3 days	Fri 29/7/22	Tue 2/8/22
839	External Window Installation	3 days	Tue 26/7/22	Thu 28/7/22
840	Drywall Partition	5 days	Fri 29/7/22	Thu 4/8/22
841	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	5 days	Mon 1/8/22	Fri 5/8/22
842	Door Frame / Window Frame Installations	5 days	Fri 29/7/22	Thu 4/8/22
843	Floor Finishes	14 days	Wed 3/8/22	Mon 22/8/22
844	Screeding	7 days	Wed 3/8/22	Thu 11/8/22
845	Floor Tile	7 days	Fri 12/8/22	Mon 22/8/22
846	Wall Finishes	14 days	Tue 23/8/22	Fri 9/9/22
847	Wall Tile	7 days	Tue 23/8/22	Wed 31/8/22
848	Plastering / Skim Coat	7 days	Thu 1/9/22	Fri 9/9/22
849	3rd Waterponding Test	3 days	Mon 12/9/22	Wed 14/9/22
850	Railings/ Other metal Works	7 days	Fri 5/8/22	Mon 15/8/22
851	Installation of Doors / Windows/ Roller Shutters/ Alum Sc	7 days	Fri 5/8/22	Mon 15/8/22
852	Installation of Ironmongeries	3 days	Tue 16/8/22	Thu 18/8/22
853	Installation of False Ceiling	7 days	Fri 5/8/22	Mon 15/8/22
854	Installation of Sanitary Wares & Toilet Cubicles	7 days	Thu 1/9/22	Fri 9/9/22
855	Installation of Carpentry Works & Fitments	12 days	Tue 16/8/22	Wed 31/8/22
856	Installation of Vinyl Flooring & Other Finishes	6 days	Thu 1/9/22	Thu 8/9/22
857	Internal Painting	5 days	Fri 9/9/22	Thu 15/9/22
858	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	10 days	Mon 5/9/22	Fri 16/9/22
859	Signages	3 days	Fri 16/9/22	Tue 20/9/22
860	**9th Storey (Exterior Works)**	**533 days**	**Wed 7/10/20**	**Wed 14/9/22**
861	RC Plinth	7 days	Tue 14/6/22	Wed 22/6/22
862	Scupper Drain & RWDP	5 days	Tue 21/6/22	Mon 27/6/22
863	M&E Fencing	14 days	Tue 21/6/22	Fri 8/7/22
864	Waterproofing & Insulation Works (including Waterponding T	5 days	Tue 28/6/22	Mon 4/7/22
865	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	10 days	Mon 8/8/22	Fri 19/8/22
866	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	7 days	Mon 22/8/22	Tue 30/8/22
867	Floor Screeding Slope to Fall	5 days	Tue 5/7/22	Mon 11/7/22
868	Installation of Solar Panel	18 days	Tue 12/7/22	Thu 4/8/22
869	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	8 days	Mon 5/9/22	Wed 14/9/22



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Task	Inactive Task	Manual Summary Rollup	External Milestone	Manual Progress
Split	Inactive Milestone	Manual Summary	Deadline	
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Summary	Manual Task	Finish-only	Critical Split	
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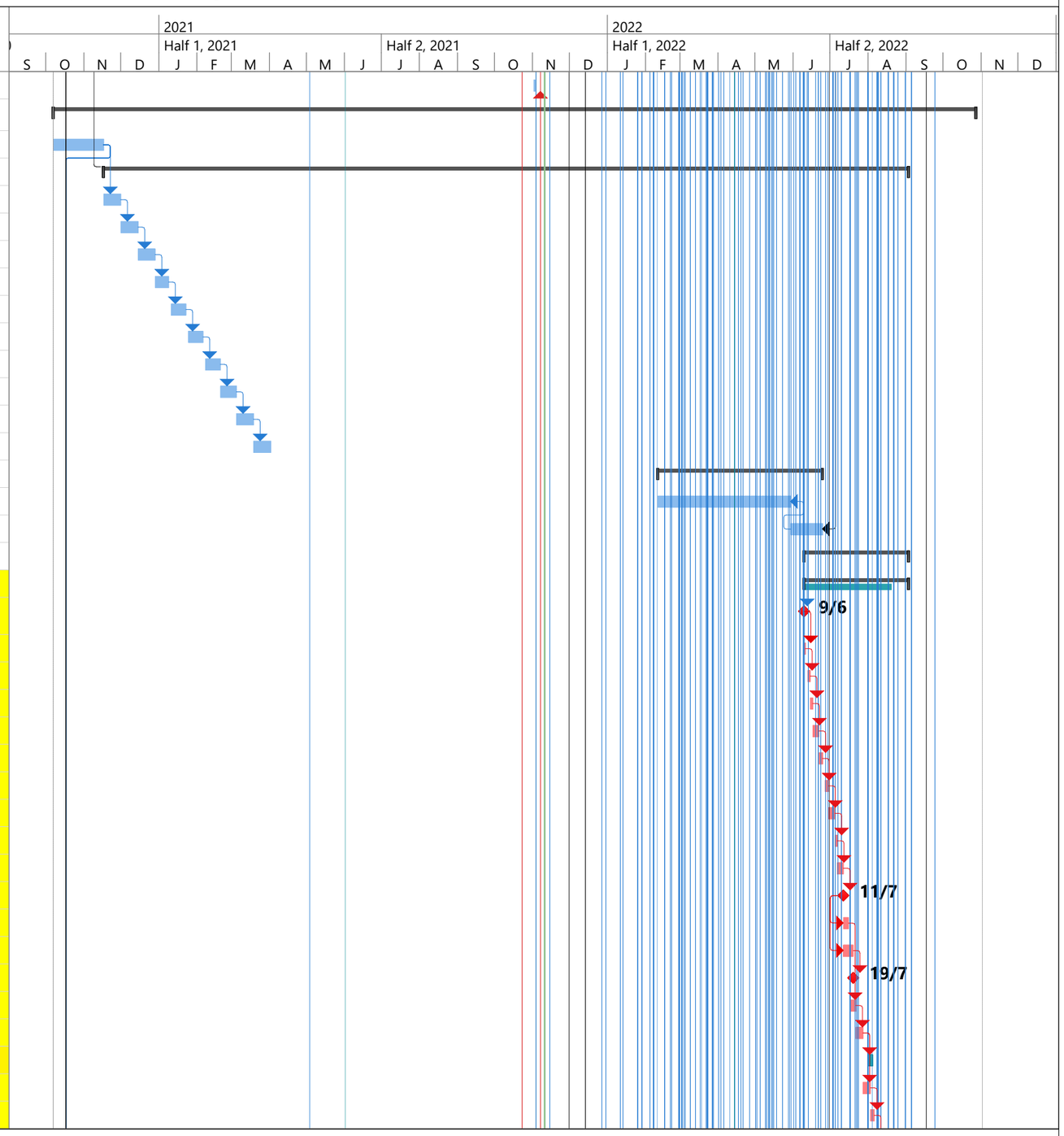
ID	Task Name	Duration	Start	Finish
870	Signages	1 day	Wed 7/10/20	Wed 7/10/20
871	**Lower Roof (Exterior Works)**	**62 days**	**Tue 7/6/22**	**Wed 31/8/22**
872	RC Plinth	7 days	Tue 7/6/22	Wed 15/6/22
873	*M&E 1st Fix (ACMV/P&S/Sprinkle/Electrical - on non-structural element)*	8 days	Tue 14/6/22	Thu 23/6/22
874	*M&E 2nd Fix (ACMV/P&S/Sprinkle/Electrical)*	5 days	Thu 23/6/22	Wed 29/6/22
875	Scupper Drain & RWDP	7 days	Thu 16/6/22	Fri 24/6/22
876	M&E Fencing	14 days	Thu 23/6/22	Tue 12/7/22
877	Waterproofing & Insulation Works (including Waterponding T	10 days	Mon 27/6/22	Fri 8/7/22
878	Floor Screeding Slope to Fall	10 days	Mon 11/7/22	Fri 22/7/22
879	Metal Catwalk / Metal staircase Installation	21 days	Mon 25/7/22	Mon 22/8/22
880	Louver Screen & Trellis Installation	14 days	Mon 25/7/22	Thu 11/8/22
881	*M&E Final Fix (ACMV/Sprinkle/Electrical)*	6 days	Wed 10/8/22	Wed 17/8/22
882	Gondola Brackets Installation	7 days	Tue 23/8/22	Wed 31/8/22
883	**Upper Roof (Exterior Works)**	**35 days**	**Mon 27/6/22**	**Fri 12/8/22**
884	Waterproofing & Insulation Works	5 days	Mon 27/6/22	Fri 1/7/22
885	Floor Screeding Slope to Fall	5 days	Mon 4/7/22	Fri 8/7/22
886	Access Hatch Door & Catladder Installation	7 days	Mon 11/7/22	Tue 19/7/22
887	*M&E 1st Fix (Electrical - on non-structural element)*	5 days	Mon 18/7/22	Fri 22/7/22
888	*M&E 2nd Fix (Electrical)*	3 days	Mon 25/7/22	Wed 27/7/22
889	Trellis Installation	14 days	Wed 20/7/22	Mon 8/8/22
890	*M&E Final Fix (Electrical)*	4 days	Tue 9/8/22	Fri 12/8/22
891	**BIM Execution Plan & Schedule**	**476 days**	**Wed 7/10/20**	**Mon 27/6/22**
892	**BEP**	**30 days**	**Wed 7/10/20**	**Mon 16/11/20**
893	**CBP / CSD Submission**	143 days	Wed 7/10/20	Sat 17/4/21
894	CSD Submission (u/g)	45 days	Wed 7/10/20	Mon 7/12/20
895	CBP & CSD Submission (1st sty)	45 days	Wed 7/10/20	Mon 7/12/20
896	CBP & CSD Submission (2nd sty)	45 days	Mon 26/10/20	Fri 25/12/20
897	CBP & CSD Submission (3rd sty)	45 days	Fri 13/11/20	Wed 13/1/21
898	CBP & CSD Submission (4th sty)	45 days	Tue 24/11/20	Fri 22/1/21
899	CBP & CSD Submission (5th sty)	45 days	Thu 3/12/20	Tue 2/2/21
900	CBP & CSD Submission (6th sty)	45 days	Mon 14/12/20	Thu 11/2/21
901	CBP & CSD Submission (7th sty)	45 days	Wed 23/12/20	Sat 20/2/21
902	CBP & CSD Submission (8th sty)	45 days	Mon 11/1/21	Thu 11/3/21
903	CBP & CSD Submission (9th sty)	45 days	Fri 29/1/21	Wed 31/3/21
904	CBP & CSD Submission (roof)	45 days	Thu 18/2/21	Sat 17/4/21
905	**Data Sets Submission**	176 days	Tue 2/11/21	Mon 27/6/22
906	50% Construction Stage	1 day	Mon 27/6/22	Mon 27/6/22
907	TOP	1 day	Tue 2/11/21	Tue 2/11/21



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Task	Inactive Task	Manual Summary Rollup	External Milestone	Manual Progress
Split	Inactive Milestone	Manual Summary	Deadline	
Milestone	Inactive Summary	Start-only	Critical	
Summary	Manual Task	Finish-only	Critical Split	
Project Summary	Duration-only	External Tasks	Progress	

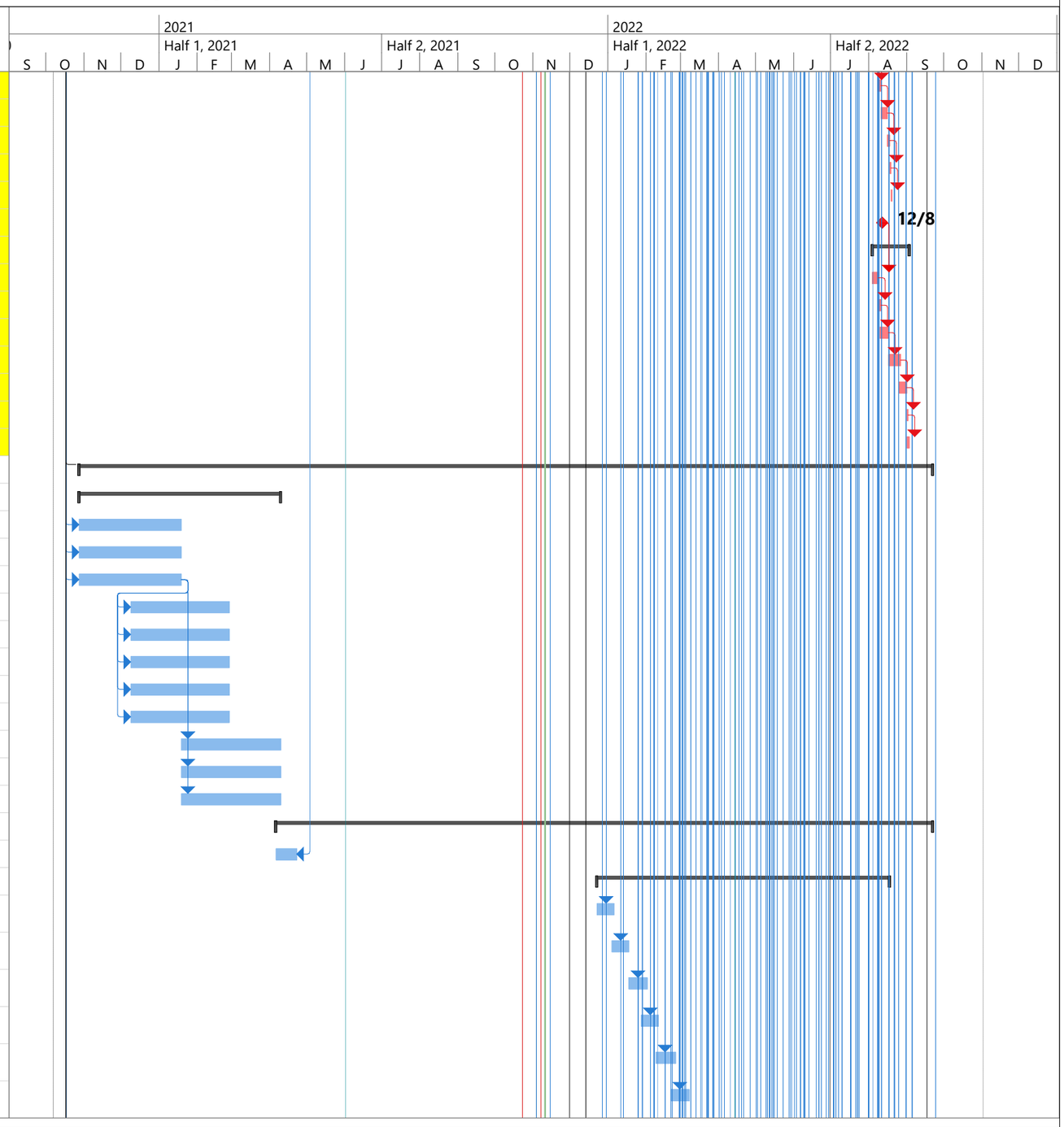
ID	Task Name	Duration	Start	Finish
908	**As-Built BIM Model Submission**	1 day	Tue 2/11/21	Tue 2/11/21
909	**M&E Works**	**564 days**	**Wed 7/10/20**	**Thu 27/10/22**
910	**Award of M&E Subcontractors**	**30 days**	**Wed 7/10/20**	**Mon 16/11/20**
911	**Lift Works**	**495 days**	**Tue 17/11/20**	**Fri 2/9/22**
912	Preliminary Discussion & Release of Architectural Details	2 wks	Tue 17/11/20	Mon 30/11/20
913	Shop Drawing Preparation	2 wks	Tue 1/12/20	Mon 14/12/20
914	Shop Drawing Submission	2 wks	Tue 15/12/20	Mon 28/12/20
915	Shop Drawing Commented	2 wks	Tue 29/12/20	Fri 8/1/21
916	Shop Drawing Re submission	2 wks	Mon 11/1/21	Fri 22/1/21
917	Shop Drawing Approval	2 wks	Mon 25/1/21	Fri 5/2/21
918	Sample Submission	2 wks	Mon 8/2/21	Fri 19/2/21
919	Sample Drawing Commented	2 wks	Sat 20/2/21	Thu 4/3/21
920	Sample resubmission	2 wks	Fri 5/3/21	Thu 18/3/21
921	Sample approval	2 wks	Fri 19/3/21	Thu 1/4/21
922	**Manufacturing (Upon LOA & received DP)**	**100 days**	**Fri 11/2/22**	**Fri 24/6/22**
923	Materials Manufacturing duration	16 wks	Fri 11/2/22	Mon 30/5/22
924	Equipment Delivery ETA	4 wks	Mon 30/5/22	Fri 24/6/22
925	**Lift FL1, FL2, BL1 & BL2**	**61 days**	**Thu 9/6/22**	**Fri 2/9/22**
926	**Lift Installation Upon Lift Shaft Handover**	**61 days**	**Thu 9/6/22**	**Fri 2/9/22**
927	Lift Shaft Handover By Main Builder and Comply to Otis Checklist	0 days	Thu 9/6/22	Thu 9/6/22
928	Entrance Barricade & Netting	1 day	Fri 10/6/22	Fri 10/6/22
929	Gondola Installation & COS	2 days	Mon 13/6/22	Tue 14/6/22
930	Plumbing	2 days	Wed 15/6/22	Thu 16/6/22
931	Car bracket installation	3 days	Fri 17/6/22	Tue 21/6/22
932	Counter weight bracket installation	3 days	Wed 22/6/22	Fri 24/6/22
933	Car guide rail installation&alignment	3 days	Mon 27/6/22	Wed 29/6/22
934	Counter weight guide rail installation&alignment	3 days	Thu 30/6/22	Mon 4/7/22
935	Landing sill&sill support	2 days	Tue 5/7/22	Wed 6/7/22
936	Door frame&header installation include adjustment	3 days	Thu 7/7/22	Mon 11/7/22
937	Provide Level Peg by Builder in order for wide jamb	0 days	Mon 11/7/22	Mon 11/7/22
938	Landing Door Installation	4 days	Tue 12/7/22	Fri 15/7/22
939	Wide Jamb Fabrication and Installation	6 days	Tue 12/7/22	Tue 19/7/22
940	Entrance Grouting by Main Builder	0 days	Tue 19/7/22	Tue 19/7/22
941	Installation of Motor include hoisting the equipment	4 days	Mon 18/7/22	Thu 21/7/22
942	Installation of Control panel and also the hoisting wi	4 days	Fri 22/7/22	Wed 27/7/22
943	Dismantle scaffolding	2 days	Tue 2/8/22	Wed 3/8/22
944	Car Frame Installation	4 days	Thu 28/7/22	Tue 2/8/22
945	Counter weight Frame Installation&Top Up Weight	3 days	Wed 3/8/22	Fri 5/8/22



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Project Summary	Duration-only	External Tasks	Progress			

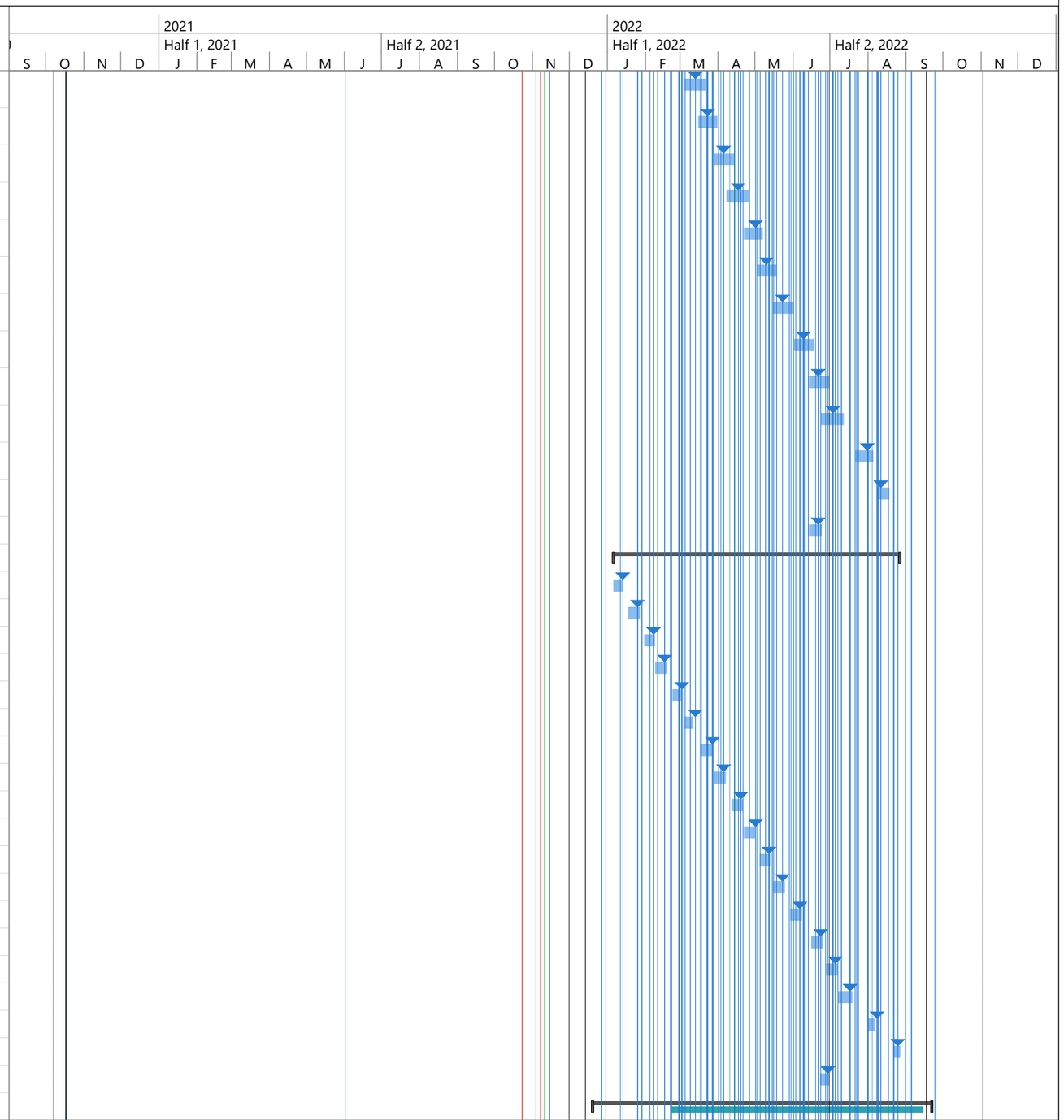
ID	Task Name	Duration	Start	Finish
946	Roping	3 days	Mon 8/8/22	Wed 10/8/22
947	Car top wiring	3 days	Thu 11/8/22	Mon 15/8/22
948	Hall call button casing	2 days	Tue 16/8/22	Wed 17/8/22
949	Toe guard and fascial plate installation	1 day	Thu 18/8/22	Thu 18/8/22
950	Dismantle scaffolding	1 day	Fri 19/8/22	Fri 19/8/22
951	Power Supply Provided By Main-Con	0 days	Fri 12/8/22	Fri 12/8/22
952	**T&C (Permanent Power Supply Available To Lift Sh**	**22 days**	**Thu 4/8/22**	**Fri 2/9/22**
953	Run On Inspection Speed	3 days	Thu 4/8/22	Mon 8/8/22
954	Subcon Wiring and Adjustments	2 days	Tue 9/8/22	Wed 10/8/22
955	Run On High Speed & Supervisory Wiring (RI Readi	5 days	Wed 10/8/22	Tue 16/8/22
956	Car Interior Finishes	8 days	Wed 17/8/22	Fri 26/8/22
957	Load Testing & Final Calibration	4 days	Fri 26/8/22	Wed 31/8/22
958	AE Inspection	1 day	Thu 1/9/22	Thu 1/9/22
959	Cleaning	2 days	Thu 1/9/22	Fri 2/9/22
960	**Fire Protection Works**	**522 days**	**Wed 28/10/20**	**Wed 21/9/22**
961	**Shop Drawing Submission**	**120 days**	**Wed 28/10/20**	**Fri 9/4/21**
962	Underground	60 days	Wed 28/10/20	Mon 18/1/21
963	Level 1	60 days	Wed 28/10/20	Mon 18/1/21
964	Level 2	60 days	Wed 28/10/20	Mon 18/1/21
965	Level 3	60 days	Wed 9/12/20	Fri 26/2/21
966	Level 4	60 days	Wed 9/12/20	Fri 26/2/21
967	Level 5	60 days	Wed 9/12/20	Fri 26/2/21
968	Level 6	60 days	Wed 9/12/20	Fri 26/2/21
969	Level 7	60 days	Wed 9/12/20	Fri 26/2/21
970	Level 8	60 days	Tue 19/1/21	Fri 9/4/21
971	Level 9	60 days	Tue 19/1/21	Fri 9/4/21
972	Roof	60 days	Tue 19/1/21	Fri 9/4/21
973	**Sprinkler & Fire Alarm Installation**	**406 days**	**Tue 6/4/21**	**Wed 21/9/22**
974	U/G Fire Hydrant Installation (same as ID 154)	15 days	Tue 6/4/21	Thu 22/4/21
975	**1st Fix (FP)**	**176 days**	**Thu 23/12/21**	**Wed 17/8/22**
976	1st Sty - Zone A (Same as ID393) - those on non-structural element	10 days	Thu 23/12/21	Wed 5/1/22
977	1st Sty - Zone B (Same as ID417) - those on non-structural element	10 days	Tue 4/1/22	Mon 17/1/22
978	2nd Sty - Zonw A (same as ID442) - those on non-structural element	12 days	Tue 18/1/22	Tue 1/2/22
979	2nd Sty - Zonw B (same as ID469) - those on non-structural element	12 days	Fri 28/1/22	Thu 10/2/22
980	3rd Sty (non mock-up area) - Zone A (same as ID504) - those on non-structural element	12 days	Wed 9/2/22	Thu 24/2/22
981	3rd Sty (non mock-up area) - Zone B (same as ID531) - those on non-structural element	12 days	Mon 21/2/22	Mon 7/3/22



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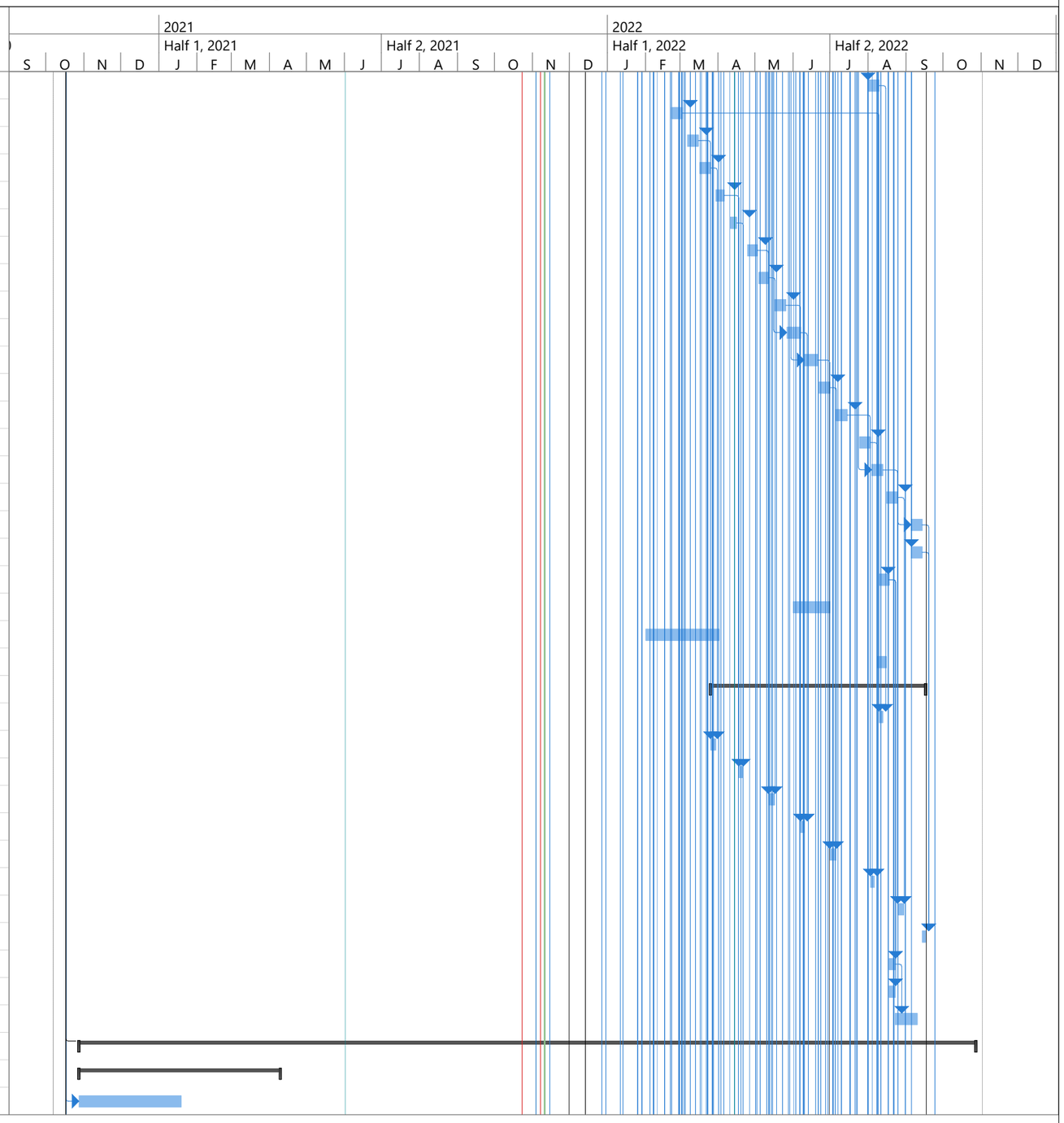
ID	Task Name	Duration	Start	Finish
982	4th Sty - Zone A (same as ID559) - those on non-structural element	12 days	Sat 5/3/22	Mon 21/3/22
983	4th Sty - Zone B (same as ID586) - those on non-structural element	12 days	Wed 16/3/22	Wed 30/3/22
984	5th Sty - Zone A (same as ID614) - those on non-structural element	12 days	Tue 29/3/22	Wed 13/4/22
985	5th Sty - Zone B (same as ID641) - those on non-structural element	12 days	Fri 8/4/22	Mon 25/4/22
986	6th Sty - Zone A (same as ID669) - those on non-structural element	12 days	Fri 22/4/22	Fri 6/5/22
987	6th Sty - Zone B (same as ID696) - those on non-structural element	12 days	Tue 3/5/22	Tue 17/5/22
988	7th Sty - Zone A (same as ID724) - those on non-structural element	12 days	Mon 16/5/22	Tue 31/5/22
989	7th Sty - Zone B (same as ID751) - those on non-structural element	12 days	Thu 2/6/22	Fri 17/6/22
990	8th Sty - Zone A (same as ID779) - those on non-structural element	12 days	Tue 14/6/22	Wed 29/6/22
991	8th Sty - Zone B (same as ID806) - those on non-structural element	12 days	Fri 24/6/22	Mon 11/7/22
992	9th Sty - Zone A (same as ID834) - those on non-structural element	10 days	Fri 22/7/22	Thu 4/8/22
993	9th Sty - External (same as ID864) - those on non-structural element	8 days	Mon 8/8/22	Wed 17/8/22
994	Roof Sty - (same as ID 972) - those on non-structura	8 days	Tue 14/6/22	Thu 23/6/22
995	**2nd Fix (FP)**	**173 days**	**Thu 6/1/22**	**Fri 26/8/22**
996	1st Sty - Zone A (same as ID397)	5 days	Thu 6/1/22	Wed 12/1/22
997	1st Sty - Zone B (same as ID421)	7 days	Tue 18/1/22	Wed 26/1/22
998	2nd Sty - Zone A (same as ID448)	7 days	Mon 31/1/22	Mon 7/2/22
999	2nd Sty - Zone B (same as ID475)	7 days	Wed 9/2/22	Thu 17/2/22
1000	3rd Sty (non Mock-Ups) - Zone A (same as ID570)	5 days	Wed 23/2/22	Tue 1/3/22
1001	3rd Sty (non Mock-Ups) - Zone B (same as ID537)	5 days	Sat 5/3/22	Thu 10/3/22
1002	4th Sty - Zone A (same as ID565)	7 days	Fri 18/3/22	Sat 26/3/22
1003	4th Sty - Zone B (same as ID592)	7 days	Tue 29/3/22	Wed 6/4/22
1004	5th Sty - Zone A (same as ID620)	7 days	Tue 12/4/22	Wed 20/4/22
1005	5th Sty - Zone B (same as ID647)	7 days	Fri 22/4/22	Sat 30/4/22
1006	6th Sty - Zone A (same as ID675)	7 days	Thu 5/5/22	Thu 12/5/22
1007	6th Sty - Zone B (same as ID702)	7 days	Mon 16/5/22	Tue 24/5/22
1008	7th Sty - Zone A (same as ID730)	7 days	Mon 30/5/22	Tue 7/6/22
1009	7th Sty - Zone B (same as ID575)	7 days	Thu 16/6/22	Fri 24/6/22
1010	8th Sty - Zone A (same as ID785)	7 days	Tue 28/6/22	Wed 6/7/22
1011	8th Sty - Zone B (same as ID812)	7 days	Fri 8/7/22	Mon 18/7/22
1012	9th Sty - Zone A (same as ID840)	5 days	Mon 1/8/22	Fri 5/8/22
1013	9th Sty - External (same as ID865)	5 days	Mon 22/8/22	Fri 26/8/22
1014	Roof Sty - (same as ID873)	5 days	Thu 23/6/22	Wed 29/6/22
1015	**Final Fix (FP)**	**204 days**	**Mon 20/12/21**	**Wed 21/9/22**



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Task	Inactive Task	Manual Summary Rollup	External Milestone	Manual Progress
Split	Inactive Milestone	Manual Summary	Deadline	
Milestone	Inactive Summary	Start-only	Critical	
Summary	Manual Task	Finish-only	Critical Split	
Project Summary	Duration-only	External Tasks	Progress	

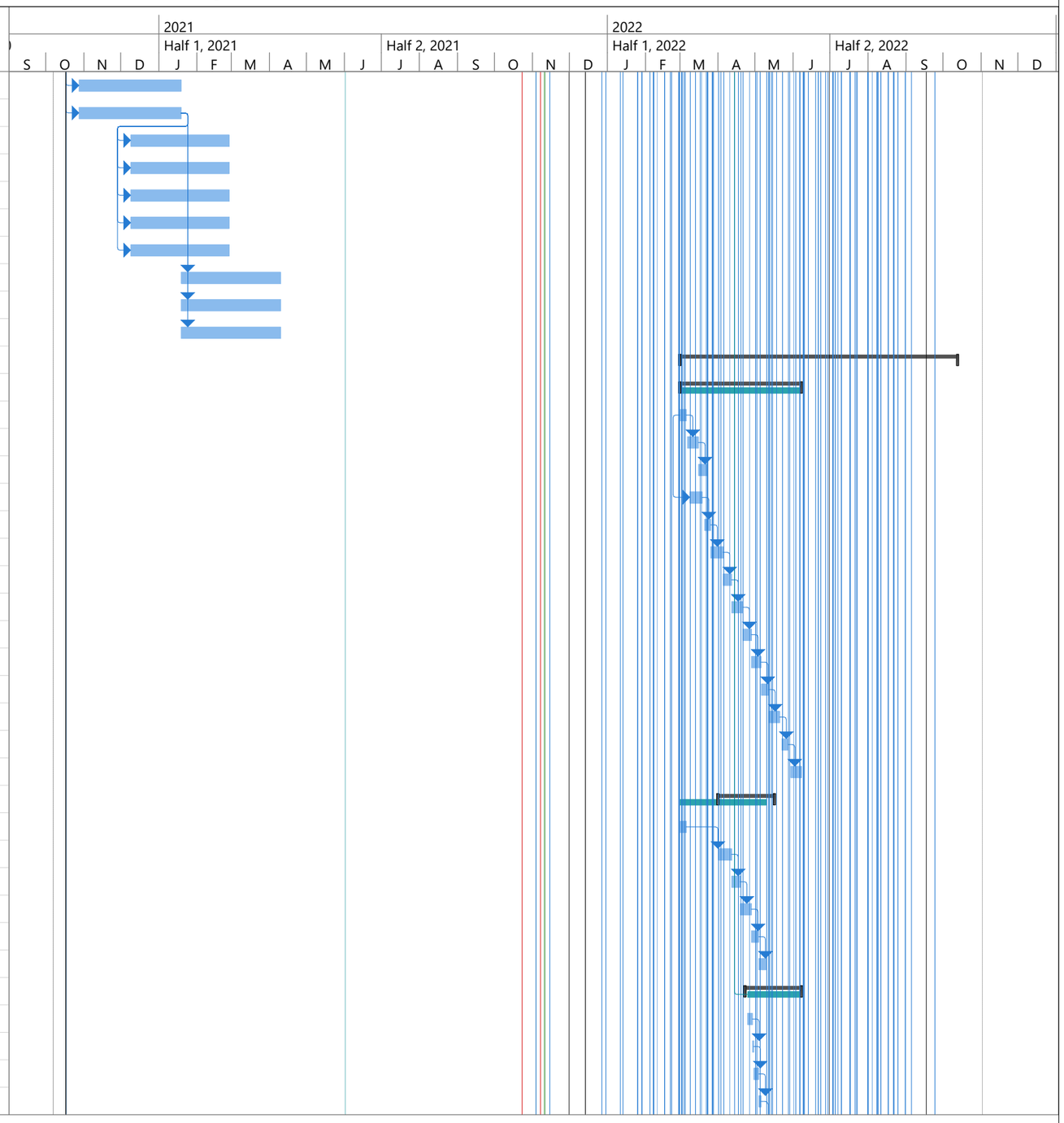
ID	Task Name	Duration	Start	Finish
1016	1st Sty - Zone A (Same as ID413)	7 days	Mon 1/8/22	Tue 9/8/22
1017	1st Sty - Zone B (Same as ID437)	7 days	Tue 22/2/22	Wed 2/3/22
1018	2nd Sty - Zone A (same as ID465)	7 days	Mon 7/3/22	Tue 15/3/22
1019	2nd Sty - Zone B (same as ID492)	7 days	Thu 17/3/22	Fri 25/3/22
1020	3rd Sty (Non Mock-Ups) - Zone A (same as ID527)	5 days	Wed 30/3/22	Tue 5/4/22
1021	3rd Sty (Non Mock-Ups) - Zone B (same as ID554)	5 days	Mon 11/4/22	Fri 15/4/22
1022	4th Sty - Zone A (same as ID582)	7 days	Mon 25/4/22	Mon 2/5/22
1023	4th Sty - Zone B (same as ID609)	7 days	Wed 4/5/22	Wed 11/5/22
1024	5th Sty - Zone A (same as ID637)	7 days	Tue 17/5/22	Wed 25/5/22
1025	5th Sty - Zone B (same as ID664)	7 days	Fri 27/5/22	Mon 6/6/22
1026	6th Sty - Zone A (same as ID692)	7 days	Fri 10/6/22	Mon 20/6/22
1027	6th Sty - Zone B (same as ID719)	7 days	Wed 22/6/22	Thu 30/6/22
1028	7th Sty - Zone A (same as ID747)	7 days	Wed 6/7/22	Thu 14/7/22
1029	7th Sty - Zone A (same as ID774)	7 days	Mon 25/7/22	Tue 2/8/22
1030	8th Sty - Zone A (same as ID779)	7 days	Thu 4/8/22	Fri 12/8/22
1031	8th Sty - Zone B (same as ID803)	7 days	Tue 16/8/22	Wed 24/8/22
1032	9th Sty - Zone A (same as ID857)	7 days	Mon 5/9/22	Tue 13/9/22
1033	9th Sty - External (same as ID868)	7 days	Mon 5/9/22	Tue 13/9/22
1034	Roof Sty - (same as ID880)	6 days	Wed 10/8/22	Wed 17/8/22
1035	**Delivery and installation of Hosereel Tank & Pump**	**22 days**	**Wed 1/6/22**	**Thu 30/6/22**
1036	**Delivery and Installation of Sprinkler & Hydrant Tank &**	**47 days**	**Tue 1/2/22**	**Fri 1/4/22**
1037	**Gas Suppression System Installation**	**6 days**	**Mon 8/8/22**	**Mon 15/8/22**
1038	**Hydrostatic Test**	**128 days**	**Sat 26/3/22**	**Fri 16/9/22**
1039	1st Level Sprinkler Pipe	3 days	Wed 10/8/22	Fri 12/8/22
1040	2nd Level Sprinkler Pipe	3 days	Sat 26/3/22	Tue 29/3/22
1041	3rd Level Sprinkler Pipe	3 days	Mon 18/4/22	Wed 20/4/22
1042	4th Level Sprinkler Pipe	3 days	Thu 12/5/22	Mon 16/5/22
1043	5th Level Sprinkler Pipe	3 days	Tue 7/6/22	Thu 9/6/22
1044	6th Level Sprinkler Pipe	3 days	Fri 1/7/22	Tue 5/7/22
1045	7th Level Sprinkler Pipe	3 days	Wed 3/8/22	Fri 5/8/22
1046	8th Level Sprinkler Pipe	3 days	Thu 25/8/22	Mon 29/8/22
1047	9th Level Sprinkler Pipe	3 days	Wed 14/9/22	Fri 16/9/22
1048	Dry Riser Pipe	3 days	Thu 18/8/22	Mon 22/8/22
1049	Hosereel Pipe	3 days	Thu 18/8/22	Mon 22/8/22
1050	**T & C**	**14 days**	**Tue 23/8/22**	**Fri 9/9/22**
1051	**Plumbing & Sanitary Works**	**548 days**	**Wed 28/10/20**	**Thu 27/10/22**
1052	**Plumbing, Sanitary & Gas Shop Drawings**	**120 days**	**Wed 28/10/20**	**Fri 9/4/21**
1053	Underground Sanitary, Water & Gas Pipes	60 days	Wed 28/10/20	Mon 18/1/21



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Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Deadline
Critical
Critical Split
Progress
Manual Progress

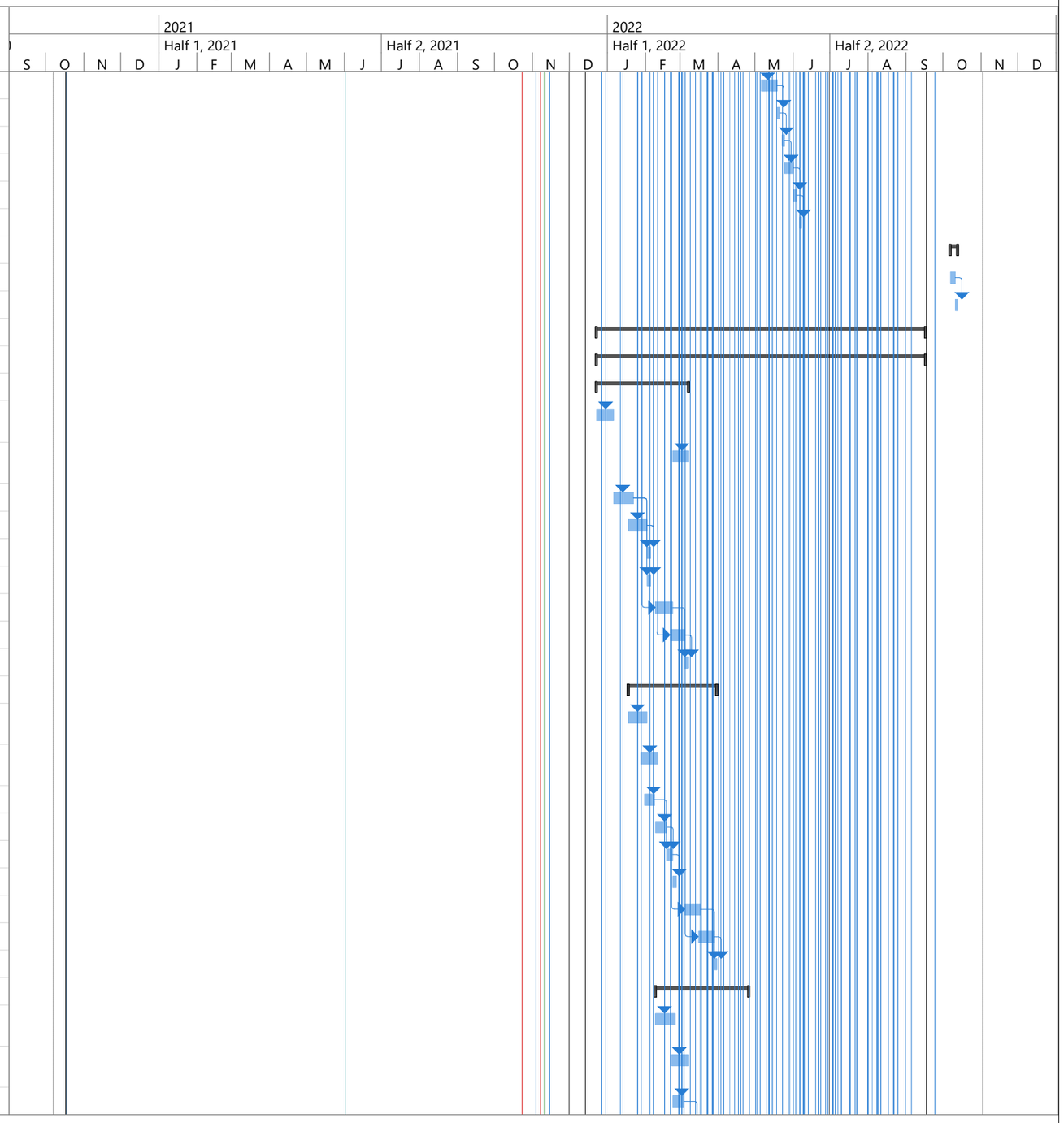
ID	Task Name	Duration	Start	Finish
1054	Level 1	60 days	Wed 28/10/20	Mon 18/1/21
1055	Level 2	60 days	Wed 28/10/20	Mon 18/1/21
1056	Level 3	60 days	Wed 9/12/20	Fri 26/2/21
1057	Level 4	60 days	Wed 9/12/20	Fri 26/2/21
1058	Level 5	60 days	Wed 9/12/20	Fri 26/2/21
1059	Level 6	60 days	Wed 9/12/20	Fri 26/2/21
1060	Level 7	60 days	Wed 9/12/20	Fri 26/2/21
1061	Level 8	60 days	Tue 19/1/21	Fri 9/4/21
1062	Level 9	60 days	Tue 19/1/21	Fri 9/4/21
1063	Roof	60 days	Tue 19/1/21	Fri 9/4/21
1064	**External Sanitary, Plumbing & Gas Services**	**166 days**	**Tue 1/3/22**	**Wed 12/10/22**
1065	**IC works (IC 8, 9, 21, 22, 23 ,24 ,26 & 33) Along Plan**	**75 days**	**Tue 1/3/22**	**Tue 7/6/22**
1066	Construct IC 8 (D:2.104m)	5 days	Tue 1/3/22	Sat 5/3/22
1067	Construct line from IC 8 towards IC 9 (19.31m)	7 days	Mon 7/3/22	Tue 15/3/22
1068	Construct IC 9 (D:2.319m)	5 days	Wed 16/3/22	Tue 22/3/22
1069	Construct line from IC 9 towards IC 21 (29.57m)	8 days	Wed 9/3/22	Fri 18/3/22
1070	Construct IC 21 (D:2.648m)	5 days	Mon 21/3/22	Fri 25/3/22
1071	Construct line from IC1-21 towards IC 22 (20.9m)	7 days	Sat 26/3/22	Mon 4/4/22
1072	Construct IC 22 (D:3.380m)	5 days	Tue 5/4/22	Mon 11/4/22
1073	Construct line from IC 22 towards IC 23 (19.53m)	7 days	Tue 12/4/22	Wed 20/4/22
1074	Construct IC 23 (D:3.597m)	5 days	Thu 21/4/22	Wed 27/4/22
1075	Construct line from IC 23 towards IC 24 (2.8m)	7 days	Thu 28/4/22	Thu 5/5/22
1076	Construct IC 24 (D:3.629m)	5 days	Fri 6/5/22	Wed 11/5/22
1077	Construct line from IC 24 towards IC 26 (9.53m)	7 days	Thu 12/5/22	Fri 20/5/22
1078	Construct IC 26 (D:3.735m)	5 days	Mon 23/5/22	Fri 27/5/22
1079	Construct line from IC 26 towards IC 33 (16.26m)	7 days	Mon 30/5/22	Tue 7/6/22
1080	**IC works (IC 31, 32 & 33) Along Planting Strip**	**34 days**	**Fri 1/4/22**	**Mon 16/5/22**
1081	Construct IC 31 (D:2.345m)	5 days	Tue 1/3/22	Sat 5/3/22
1082	Construct line from IC 31 to IC 32 (12.90m)	7 days	Fri 1/4/22	Mon 11/4/22
1083	Construct IC 32 (D:2.489m)	5 days	Tue 12/4/22	Mon 18/4/22
1084	Construct line from IC 32 to New IC 33 (27.35m)	7 days	Tue 19/4/22	Wed 27/4/22
1085	Construct IC 33 (D:3.916m)	5 days	Thu 28/4/22	Tue 3/5/22
1086	Construct line from IC 33 to New IC 34 (3.62m)	5 days	Wed 4/5/22	Mon 9/5/22
1087	**Last IC to Existing MH works (By Pipe Jacking)**	**35 days**	**Sat 23/4/22**	**Tue 7/6/22**
1088	Construct Caisson	4 days	Mon 25/4/22	Thu 28/4/22
1089	Mobilisation of Jacking Machine & Accessories	1 day	Fri 29/4/22	Fri 29/4/22
1090	Setting-Up of Slurry Jacking Machine	3 days	Sat 30/4/22	Tue 3/5/22
1091	Construction of Thrustwall	2 days	Wed 4/5/22	Thu 5/5/22



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External Milestone
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Critical Split
Progress
Manual Progress

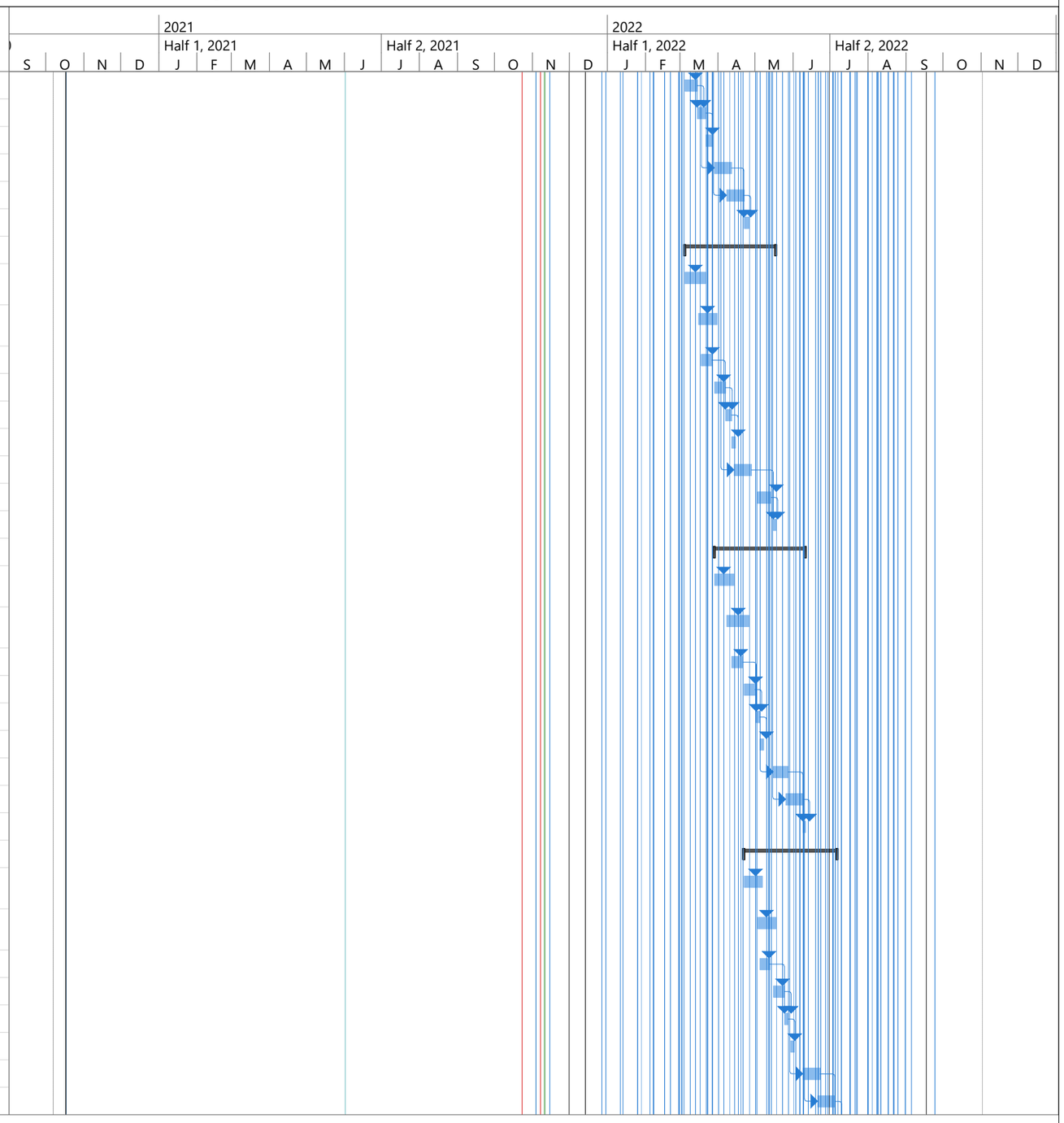
ID	Task Name	Duration	Start	Finish
1092	Pipe Jacking Works (31.0m)	10 days	Fri 6/5/22	Wed 18/5/22
1093	Water-Tightness Test for Newly Jacked Pipeline	2 days	Thu 19/5/22	Fri 20/5/22
1094	Connection to Ext'g MH c/w Benching	2 days	Mon 23/5/22	Tue 24/5/22
1095	Construct Last IC 34 (D:5.829m)	5 days	Wed 25/5/22	Tue 31/5/22
1096	Demolished Caisson	3 days	Wed 1/6/22	Fri 3/6/22
1097	Demobilization From Site	2 days	Mon 6/6/22	Tue 7/6/22
1098	**External Water & Gas Services**	**4 days**	**Fri 7/10/22**	**Wed 12/10/22**
1099	Install Water Services	2 days	Fri 7/10/22	Mon 10/10/22
1100	Install Gas Services	2 days	Tue 11/10/22	Wed 12/10/22
1101	**Internal Sanitary, Plumbing & Gas Services**	**198 days**	**Thu 23/12/21**	**Fri 16/9/22**
1102	**Main & Risers**	**198 days**	**Thu 23/12/21**	**Fri 16/9/22**
1103	**Level 1**	**56 days**	**Thu 23/12/21**	**Mon 7/3/22**
1104	*1st Fix - Zone A (Same as ID393) - those on non-structural element*	*10 days*	*Thu 23/12/21*	*Wed 5/1/22*
1105	*1st Fix - Zone B (Same as ID417) - those on non-structural element*	*10 days*	*Wed 23/2/22*	*Mon 7/3/22*
1106	2nd Fix - Zone A (Same as ID397)	12 days	Thu 6/1/22	Fri 21/1/22
1107	2nd Fix - Zone B (Same as ID421)	12 days	Tue 18/1/22	Tue 1/2/22
1108	High Pressure Air Test (Sanitary)	3 days	Wed 2/2/22	Fri 4/2/22
1109	Hydrostatic Test (Water & Gas)	3 days	Wed 2/2/22	Fri 4/2/22
1110	Final Fix - Zone A (Same as ID413)	10 days	Wed 9/2/22	Tue 22/2/22
1111	Final Fix - Zone B (Same as ID437)	10 days	Mon 21/2/22	Fri 4/3/22
1112	Low Pressure Air Test (Sanitary)	2 days	Sat 5/3/22	Mon 7/3/22
1113	**Level 2**	**56 days**	**Tue 18/1/22**	**Wed 30/3/22**
1114	1st Fix - Zone A (Same as ID442) - those on non-structural element	12 days	Tue 18/1/22	Tue 1/2/22
1115	1st Fix - Zone B (Same as ID469) - those on non-structural element	12 days	Fri 28/1/22	Thu 10/2/22
1116	2nd Fix - Zone A (same as ID448)	7 days	Mon 31/1/22	Mon 7/2/22
1117	2nd Fix - Zone B (same as ID475)	7 days	Wed 9/2/22	Thu 17/2/22
1118	High Pressure Air Test (Sanitary)	3 days	Fri 18/2/22	Tue 22/2/22
1119	Hydrostatic Test (Water & Gas)	3 days	Wed 23/2/22	Fri 25/2/22
1120	Final Fix - Zone A (same as ID 465)	10 days	Sat 5/3/22	Thu 17/3/22
1121	Final Fix - Zone B (same as ID 492)	10 days	Wed 16/3/22	Mon 28/3/22
1122	Low Pressure Air Test (Sanitary)	2 days	Tue 29/3/22	Wed 30/3/22
1123	**Level 3 (excluding mock-up area)**	**56 days**	**Wed 9/2/22**	**Mon 25/4/22**
1124	1st Fix - Zone A (same as ID504) - those on non-structural element	12 days	Wed 9/2/22	Thu 24/2/22
1125	1st Fix - Zone B (same as ID531) - those on non-structural element	12 days	Mon 21/2/22	Mon 7/3/22
1126	2nd Fix - Zone A (same as ID510)	7 days	Wed 23/2/22	Thu 3/3/22



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Task	Inactive Task	Manual Summary Rollup	External Milestone	Manual Progress	
Split	Inactive Milestone	Manual Summary	Deadline		
Milestone	Inactive Summary	Start-only	Critical		
Summary	Manual Task	Finish-only	Critical Split		
Project Summary	Duration-only	External Tasks	Progress		

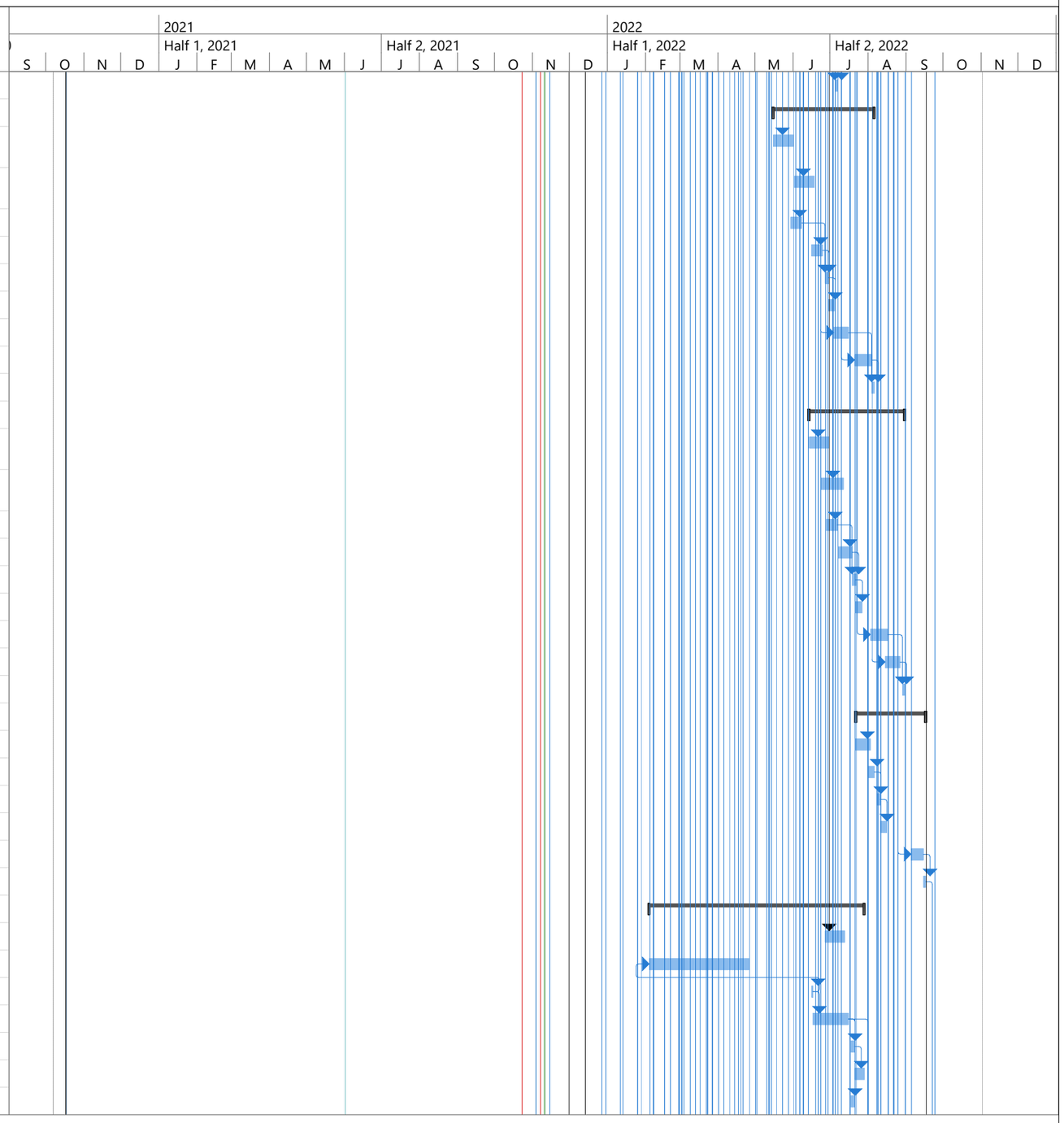
ID	Task Name	Duration	Start	Finish
1127	2nd Fix - Zone B (same as ID537)	7 days	Sat 5/3/22	Mon 14/3/22
1128	High Pressure Air Test (Sanitary)	5 days	Tue 15/3/22	Mon 21/3/22
1129	Hydrostatic Test (Water & Gas)	5 days	Tue 22/3/22	Sat 26/3/22
1130	Final Fix - Zone A (same as ID527)	10 days	Tue 29/3/22	Mon 11/4/22
1131	Final Fix - Zone B (same as ID554)	10 days	Fri 8/4/22	Thu 21/4/22
1132	Low Pressure Air Test (Sanitary)	2 days	Fri 22/4/22	Mon 25/4/22
1133	**Level 4**	**56 days**	**Sat 5/3/22**	**Tue 17/5/22**
1134	1st Fix - Zone A (Same as ID 559) - those on non-structural element	12 days	Sat 5/3/22	Mon 21/3/22
1135	1st Fix - Zone B (Same as ID 586) - those on non-structural element	12 days	Wed 16/3/22	Wed 30/3/22
1136	2nd Fix - Zone A (same as ID565)	7 days	Fri 18/3/22	Sat 26/3/22
1137	2nd Fix - Zone B (same as ID592)	7 days	Tue 29/3/22	Wed 6/4/22
1138	High Pressure Air Test (Sanitary)	3 days	Thu 7/4/22	Mon 11/4/22
1139	Hydrostatic Test (Water & Gas)	3 days	Tue 12/4/22	Thu 14/4/22
1140	Final Fix - Zone A (same as ID852)	10 days	Thu 14/4/22	Wed 27/4/22
1141	Final Fix - Zone B (same as ID585)	10 days	Tue 3/5/22	Fri 13/5/22
1142	Low Pressure Air Test (Sanitary)	2 days	Mon 16/5/22	Tue 17/5/22
1143	**Level 5**	**56 days**	**Tue 29/3/22**	**Fri 10/6/22**
1144	1st Fix - Zone A (same as ID614) - those on non-structural element	12 days	Tue 29/3/22	Wed 13/4/22
1145	1st Fix - Zone B (same as ID641) - those on non-structural element	12 days	Fri 8/4/22	Mon 25/4/22
1146	2nd Fix - Zone A (same as ID620)	7 days	Tue 12/4/22	Wed 20/4/22
1147	2nd Fix - Zone B (same as ID647)	7 days	Fri 22/4/22	Sat 30/4/22
1148	High Pressure Air Test (Sanitary)	3 days	Mon 2/5/22	Wed 4/5/22
1149	Hydrostatic Test (Water & Gas)	3 days	Thu 5/5/22	Sat 7/5/22
1150	Final Fix - Zone A (same as ID637)	10 days	Mon 16/5/22	Fri 27/5/22
1151	Final Fix - Zone B (same as ID664)	10 days	Thu 26/5/22	Wed 8/6/22
1152	Low Pressure Air Test (Sanitary)	2 days	Thu 9/6/22	Fri 10/6/22
1153	**Level 6**	**56 days**	**Fri 22/4/22**	**Wed 6/7/22**
1154	1st Fix - Zone A (same as ID669) - those on non-structural element	12 days	Fri 22/4/22	Fri 6/5/22
1155	1st Fix - Zone B (same as ID696) - those on non-structural element	12 days	Tue 3/5/22	Tue 17/5/22
1156	2nd Fix - Zone A (same as ID675)	7 days	Thu 5/5/22	Thu 12/5/22
1157	2nd Fix - Zone B (same as ID706)	7 days	Mon 16/5/22	Tue 24/5/22
1158	High Pressure Air Test (Sanitary)	3 days	Wed 25/5/22	Fri 27/5/22
1159	Hydrostatic Test (Water)	3 days	Mon 30/5/22	Wed 1/6/22
1160	Final Fix - Zone A (same as ID692)	10 days	Thu 9/6/22	Wed 22/6/22
1161	Final Fix - Zone B (same as ID719)	10 days	Tue 21/6/22	Mon 4/7/22



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Task	Inactive Task	Manual Summary Rollup	External Milestone	Manual Progress		
Split	Inactive Milestone	Manual Summary	Deadline			
Milestone	Inactive Summary	Start-only	Critical			
Summary	Manual Task	Finish-only	Critical Split			
Project Summary	Duration-only	External Tasks	Progress			

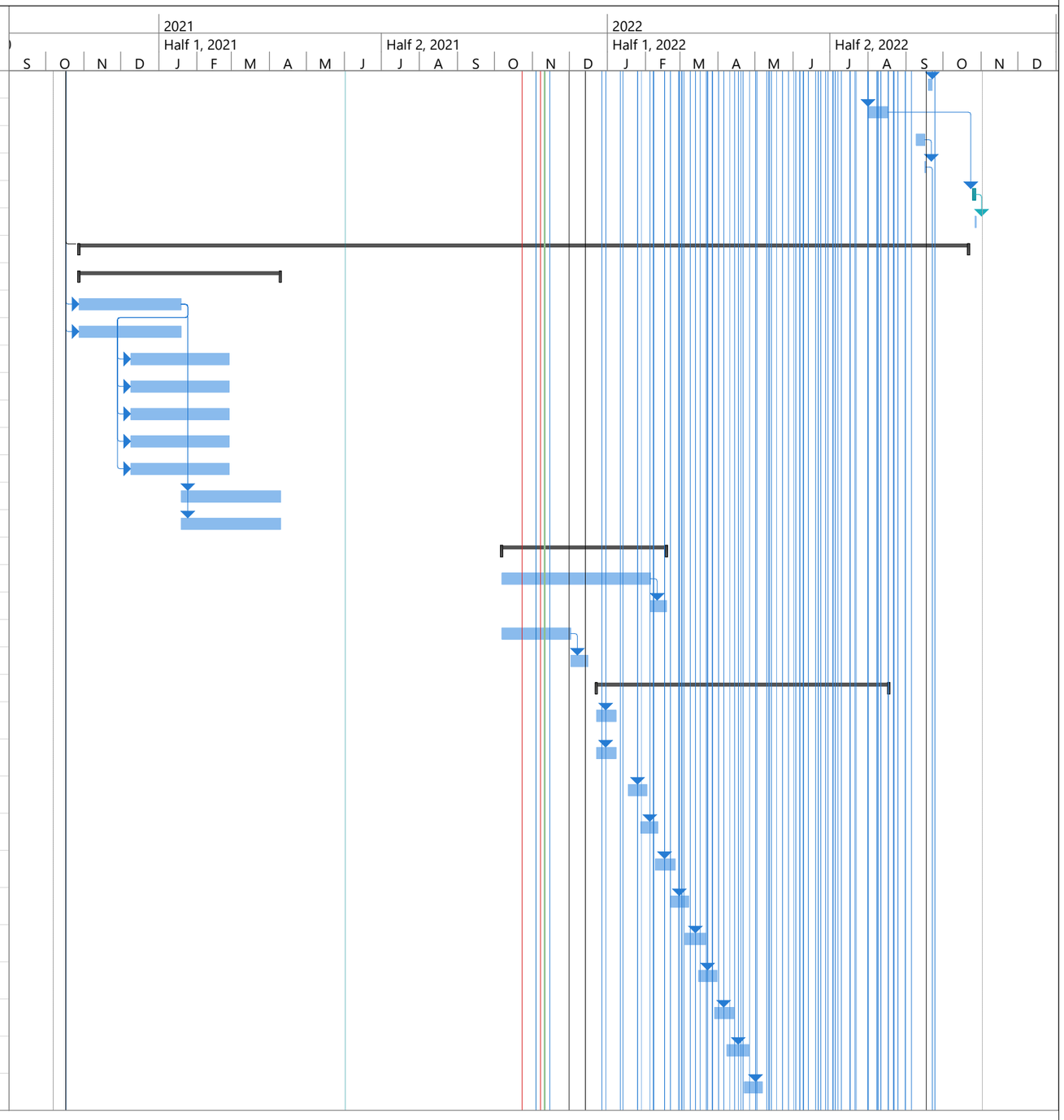
ID	Task Name	Duration	Start	Finish
1162	Low Pressure Air Test (Sanitary)	2 days	Tue 5/7/22	Wed 6/7/22
1163	**Level 7**	**60 days**	**Mon 16/5/22**	**Fri 5/8/22**
1164	1st Fix - Zone A (same as ID724) - those on non-structural element	12 days	Mon 16/5/22	Tue 31/5/22
1165	1st Fix - Zone B (same as ID751) - those on non-structural element	12 days	Thu 2/6/22	Fri 17/6/22
1166	2nd Fix - Zone A (same as ID730)	7 days	Mon 30/5/22	Tue 7/6/22
1167	2nd Fix - Zone B (same as ID757)	7 days	Thu 16/6/22	Fri 24/6/22
1168	High Pressure Air Test (Sanitary)	3 days	Mon 27/6/22	Wed 29/6/22
1169	Hydrostatic Test (Water)	3 days	Thu 30/6/22	Mon 4/7/22
1170	Final Fix - Zone A (same as ID747)	10 days	Mon 4/7/22	Fri 15/7/22
1171	Final Fix - Zone B (same as ID774)	10 days	Thu 21/7/22	Wed 3/8/22
1172	Low Pressure Air Test (Sanitary)	2 days	Thu 4/8/22	Fri 5/8/22
1173	**Level 8**	**56 days**	**Tue 14/6/22**	**Tue 30/8/22**
1174	1st Fix - Zone A (same as ID779) - those on non-structural element	12 days	Tue 14/6/22	Wed 29/6/22
1175	1st Fix - Zone B (same as ID806) - those on non-structural element	12 days	Fri 24/6/22	Mon 11/7/22
1176	2nd Fix - Zone A (same as ID785)	7 days	Tue 28/6/22	Wed 6/7/22
1177	2nd Fix - Zone B (same as ID812)	7 days	Fri 8/7/22	Mon 18/7/22
1178	High Pressure Air Test (Sanitary)	3 days	Tue 19/7/22	Thu 21/7/22
1179	Hydrostatic Test (Water)	3 days	Fri 22/7/22	Tue 26/7/22
1180	Final Fix - Zone A (same as ID779)	10 days	Wed 3/8/22	Tue 16/8/22
1181	Final Fix - Zone B (same as ID802)	10 days	Mon 15/8/22	Fri 26/8/22
1182	Low Pressure Air Test (Sanitary)	2 days	Mon 29/8/22	Tue 30/8/22
1183	**Level 9**	**41 days**	**Fri 22/7/22**	**Fri 16/9/22**
1184	1st Fix -Zone A (same as ID834)	8 days	Fri 22/7/22	Tue 2/8/22
1185	2nd Fix - Zone A (Same as ID840)	5 days	Mon 1/8/22	Fri 5/8/22
1186	High Pressure Air Test (Sanitary)	3 days	Mon 8/8/22	Wed 10/8/22
1187	Hydrostatic Test (Water)	3 days	Thu 11/8/22	Mon 15/8/22
1188	Final Fix - Zone A (same as ID868)	8 days	Mon 5/9/22	Wed 14/9/22
1189	Low Pressure Air Test (Sanitary)	2 days	Thu 15/9/22	Fri 16/9/22
1190	**Level 9 Open Roof & Roof Sty**	**130 days**	**Fri 4/2/22**	**Thu 28/7/22**
1191	Piping Installation	12 days	Mon 27/6/22	Tue 12/7/22
1192	Water Tank & Pump Procurement Lead Time	60 days	Fri 4/2/22	Mon 25/4/22
1193	Delivery of Water Tank & Pumps	1 day	Thu 16/6/22	Thu 16/6/22
1194	Water Tank & Pump Installation	21 days	Fri 17/6/22	Fri 15/7/22
1195	Hydrostatic Test (Water)	3 days	Mon 18/7/22	Wed 20/7/22
1196	Water Sterillisation test	6 days	Thu 21/7/22	Thu 28/7/22
1197	Air Pressure Test (Gas)	3 days	Mon 18/7/22	Wed 20/7/22



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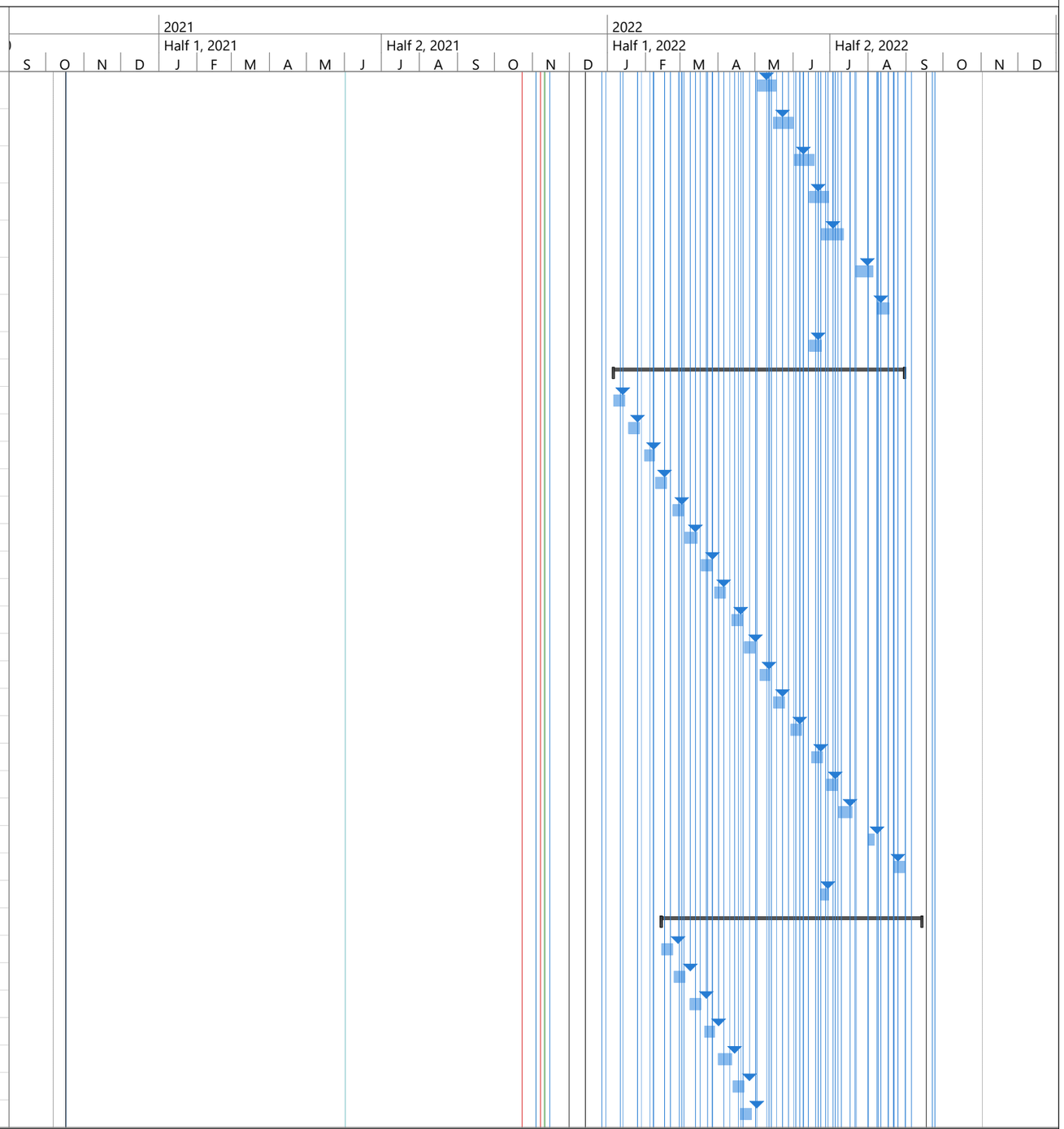
ID	Task Name	Duration	Start	Finish
1198	T&C	3 days	Mon 19/9/22	Wed 21/9/22
1199	PUB Inspection	12 days	Mon 1/8/22	Tue 16/8/22
1200	Installation of Water meters	5 days	Fri 9/9/22	Thu 15/9/22
1201	Water Turn-on	1 day	Fri 16/9/22	Fri 16/9/22
1202	Install Gas Meter	1 day	Wed 26/10/22	Wed 26/10/22
1203	Gas Turn-on	1 day	Thu 27/10/22	Thu 27/10/22
1204	**ACMV Works**	**544 days**	**Wed 28/10/20**	**Fri 21/10/22**
1205	**ACMV Shop Drawings**	**120 days**	**Wed 28/10/20**	**Fri 9/4/21**
1206	level1	60 days	Wed 28/10/20	Mon 18/1/21
1207	level 2	60 days	Wed 28/10/20	Mon 18/1/21
1208	level 3	60 days	Wed 9/12/20	Fri 26/2/21
1209	level 4	60 days	Wed 9/12/20	Fri 26/2/21
1210	level 5	60 days	Wed 9/12/20	Fri 26/2/21
1211	level 6	60 days	Wed 9/12/20	Fri 26/2/21
1212	level 7	60 days	Wed 9/12/20	Fri 26/2/21
1213	level 8	60 days	Tue 19/1/21	Fri 9/4/21
1214	Level 9 & Roof	60 days	Tue 19/1/21	Fri 9/4/21
1215	**Equipment Delivery**	**100 days**	**Thu 7/10/21**	**Thu 17/2/22**
1216	AC Equipment (3 Month Lead time)	90 days	Thu 7/10/21	Fri 4/2/22
1217	AC Equipment On Site	10 days	Sat 5/2/22	Thu 17/2/22
1218	MV Equipment (6 Week Lead Time)	42 days	Thu 7/10/21	Wed 1/12/21
1219	MV Equipment On Site	10 days	Thu 2/12/21	Wed 15/12/21
1220	**ACMV Trunking & Piping Installation (1st fix)**	**176 days**	**Thu 23/12/21**	**Wed 17/8/22**
1221	1st Sty - Zone A (Same as ID393) - those on non-structural element	12 days	Thu 23/12/21	Fri 7/1/22
1222	1st Sty - Zone B (Same as ID417) - those on non-structural element	12 days	Thu 23/12/21	Fri 7/1/22
1223	2nd Sty - Zone A (same as ID442) - those on non-structural element	12 days	Tue 18/1/22	Tue 1/2/22
1224	2nd Sty - Zone B (same as ID469) - those on non-structural element	12 days	Fri 28/1/22	Thu 10/2/22
1225	3rd Sty (NON mock-up area) - Zone A (same as ID 504) - those on non-structural element	12 days	Wed 9/2/22	Thu 24/2/22
1226	3rd Sty (NON mock-up area) - Zone B (same as ID 531) - those on non-structural element	12 days	Mon 21/2/22	Mon 7/3/22
1227	4th Sty - Zone A (same as ID559) - those on non-structural element	12 days	Sat 5/3/22	Mon 21/3/22
1228	4th Sty - Zone B (same as ID586) - those on non-structural element	12 days	Wed 16/3/22	Wed 30/3/22
1229	5th Sty - Zone A (same as ID614) - those on non-structural element	12 days	Tue 29/3/22	Wed 13/4/22
1230	5th Sty - Zone B (same as ID641) - those on non-structural element	12 days	Fri 8/4/22	Mon 25/4/22
1231	6th Sty - Zone A (same as ID669) - those on non-structural element	12 days	Fri 22/4/22	Fri 6/5/22



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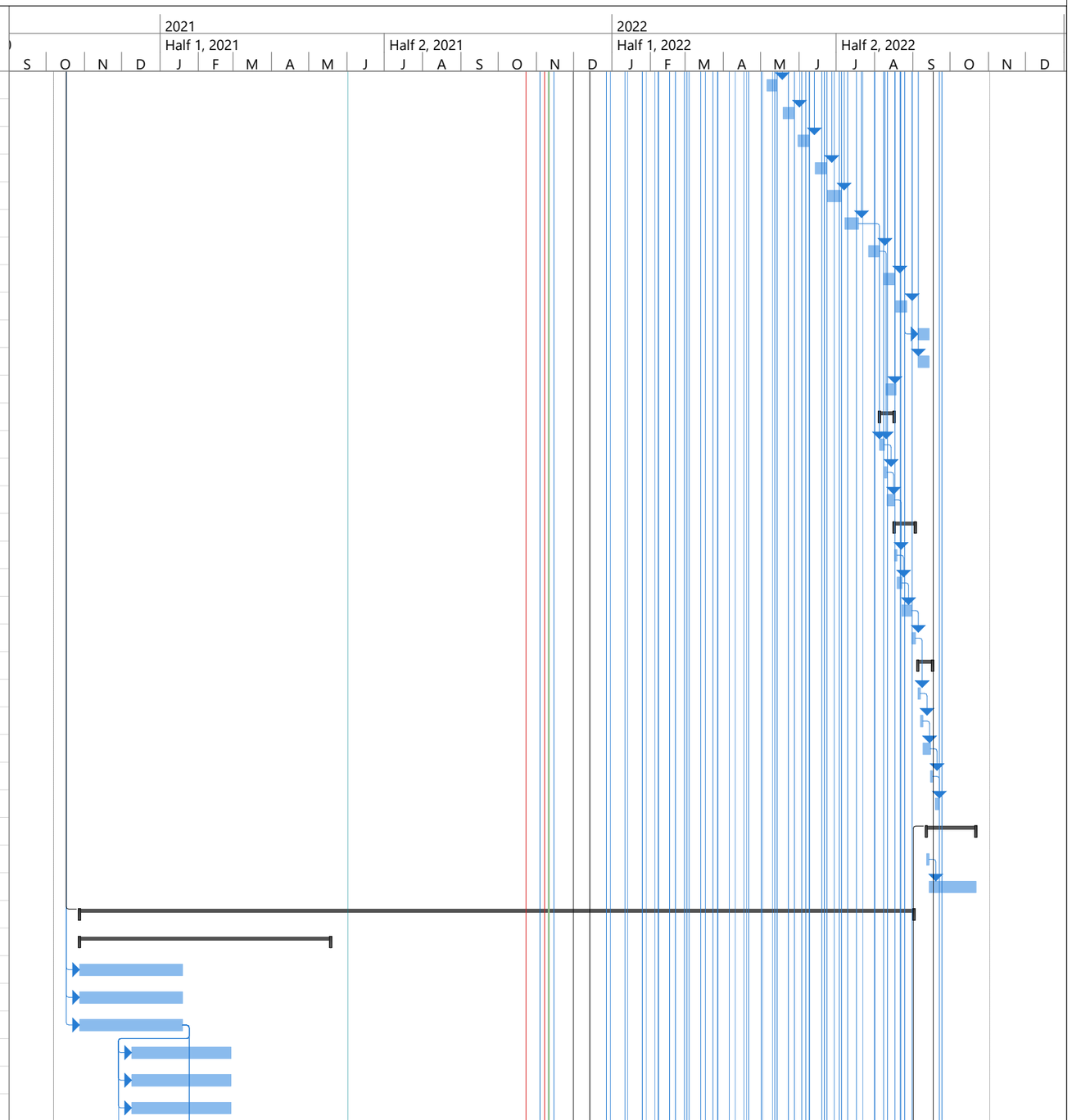
ID	Task Name	Duration	Start	Finish
1232	6th Sty - Zone A (same as ID696) - those on non-structural element	12 days	Tue 3/5/22	Tue 17/5/22
1233	7th Sty - Zone A (same as ID724) - those on non-structural element	12 days	Mon 16/5/22	Tue 31/5/22
1234	7th Sty - Zone B (same as ID751) - those on non-structural element	12 days	Thu 2/6/22	Fri 17/6/22
1235	8th Sty - Zone A (Same as ID779) - those on non-structural element	12 days	Tue 14/6/22	Wed 29/6/22
1236	8th Sty - Zone B (Same as ID785) - those on non-structural element	12 days	Fri 24/6/22	Mon 11/7/22
1237	9th Sty - Zone A (same as ID857) - those on non-structural element	10 days	Fri 22/7/22	Thu 4/8/22
1238	9th Sty - External (same as ID868) - those on non-structural element	8 days	Mon 8/8/22	Wed 17/8/22
1239	Roof - (same as ID 880) - those on non-structural elem	8 days	Tue 14/6/22	Thu 23/6/22
1240	**MV Duct Installation c/w Grille, Louvre, VCD (2nd Fix)**	**175 days**	**Thu 6/1/22**	**Tue 30/8/22**
1241	1st Sty - Zone A (same as ID397)	7 days	Thu 6/1/22	Fri 14/1/22
1242	1st Sty - Zone B (same as ID421)	7 days	Tue 18/1/22	Wed 26/1/22
1243	2nd Sty - Zone A (same as ID448)	7 days	Mon 31/1/22	Mon 7/2/22
1244	2nd Sty - Zone B (same as ID475)	7 days	Wed 9/2/22	Thu 17/2/22
1245	3rd Sty (NON mock-up area) - Zone A (same as ID510	7 days	Wed 23/2/22	Thu 3/3/22
1246	3rd Sty (NON mock-up area) - Zone B (same as ID537	7 days	Sat 5/3/22	Mon 14/3/22
1247	4th Sty - Zone A (same as ID565)	7 days	Fri 18/3/22	Sat 26/3/22
1248	4th Sty - Zone B (same as ID592)	7 days	Tue 29/3/22	Wed 6/4/22
1249	5th Sty - Zone A (same as ID620)	7 days	Tue 12/4/22	Wed 20/4/22
1250	5th Sty - Zone B (same as ID647)	7 days	Fri 22/4/22	Sat 30/4/22
1251	6th Sty - Zone A (same as ID675)	7 days	Thu 5/5/22	Thu 12/5/22
1252	6th Sty - Zone B (same as ID702)	7 days	Mon 16/5/22	Tue 24/5/22
1253	7th Sty - Zone A (same as ID730)	7 days	Mon 30/5/22	Tue 7/6/22
1254	7th Sty - Zone B (same as ID757)	7 days	Thu 16/6/22	Fri 24/6/22
1255	8th Sty - Zone A (same as ID779)	7 days	Tue 28/6/22	Wed 6/7/22
1256	8th Sty - Zone B (same as ID785)	7 days	Fri 8/7/22	Mon 18/7/22
1257	9th Sty - Zone A (same as ID840)	5 days	Mon 1/8/22	Fri 5/8/22
1258	9th Sty - External (same as ID865)	7 days	Mon 22/8/22	Tue 30/8/22
1259	Roof - (same as ID873)	5 days	Thu 23/6/22	Wed 29/6/22
1260	**MV Duct Installation c/w Grille, Louvre, VCD (Final Fi**	**156 days**	**Mon 14/2/22**	**Tue 13/9/22**
1261	1st Sty - Zone A (same as ID413)	7 days	Mon 14/2/22	Tue 22/2/22
1262	1st Sty - Zone B (same as ID437)	7 days	Thu 24/2/22	Fri 4/3/22
1263	2nd Sty - Zone A (Same as ID465)	7 days	Wed 9/3/22	Thu 17/3/22
1264	2nd Sty - Zone B (Same as ID492)	7 days	Mon 21/3/22	Mon 28/3/22
1265	3rd Sty (NON mock-up area) - Zone A (same as ID527	7 days	Fri 1/4/22	Mon 11/4/22
1266	3rd Sty (NON mock-up area) - Zone B (same as ID554	7 days	Wed 13/4/22	Thu 21/4/22
1267	4th Sty - Zone A (same as ID582)	7 days	Tue 19/4/22	Wed 27/4/22



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Split	Inactive Milestone	Manual Summary	Deadline	
Milestone	Inactive Summary	Start-only	Critical	
Summary	Manual Task	Finish-only	Critical Split	
Project Summary	Duration-only	External Tasks	Progress	

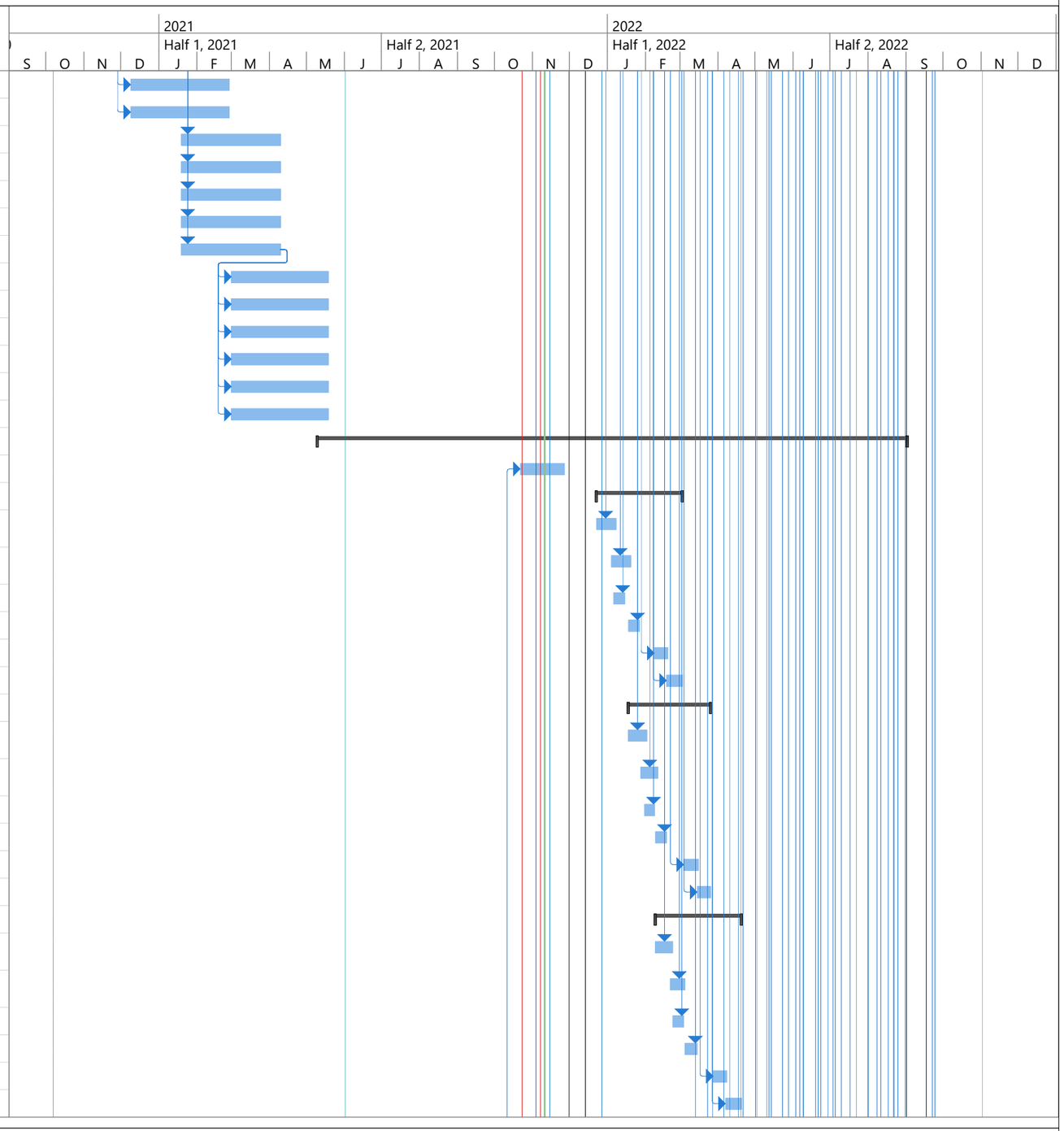
ID	Task Name	Duration	Start	Finish
1268	4th Sty - Zone B (same as ID609)	7 days	Fri 6/5/22	Fri 13/5/22
1269	5th Sty - Zone A (same as ID637)	7 days	Thu 19/5/22	Fri 27/5/22
1270	5th Sty - Zone B (same as ID664)	7 days	Tue 31/5/22	Wed 8/6/22
1271	6th Sty - Zone A (same as ID692)	7 days	Tue 14/6/22	Wed 22/6/22
1272	6th Sty - Zone B (same as ID719)	7 days	Fri 24/6/22	Mon 4/7/22
1273	7th Sty - Zone A (same as ID747)	7 days	Fri 8/7/22	Mon 18/7/22
1274	7th Sty - Zone B (same as ID774)	7 days	Wed 27/7/22	Thu 4/8/22
1275	8th Sty - Zone A (same as ID779)	7 days	Mon 8/8/22	Tue 16/8/22
1276	8th Sty - Zone B (same as ID802)	7 days	Thu 18/8/22	Fri 26/8/22
1277	9th Sty - Zone A (same as ID 857)	7 days	Mon 5/9/22	Tue 13/9/22
1278	9th Sty - External (same as ID 868)	7 days	Mon 5/9/22	Tue 13/9/22
1279	Roof - (same as ID 880)	6 days	Wed 10/8/22	Wed 17/8/22
1280	***Condensate Water Pipe Leakage Test***	***8 days***	***Fri 5/8/22***	***Tue 16/8/22***
1281	Level 1	2 days	Fri 5/8/22	Mon 8/8/22
1282	level 2	2 days	Tue 9/8/22	Wed 10/8/22
1283	Level (3 to 9)	4 days	Thu 11/8/22	Tue 16/8/22
1284	***Refrigerant Pipe Pressure Test***	***13 days***	***Wed 17/8/22***	***Fri 2/9/22***
1285	Level 1	2 days	Wed 17/8/22	Thu 18/8/22
1286	Level 2	2 days	Fri 19/8/22	Mon 22/8/22
1287	Level 3 to 9	6 days	Tue 23/8/22	Tue 30/8/22
1288	Roof	3 days	Wed 31/8/22	Fri 2/9/22
1289	***Final ACMV Test***	***10 days***	***Mon 5/9/22***	***Fri 16/9/22***
1290	Level 1	2 days	Mon 5/9/22	Tue 6/9/22
1291	Level 2	2 days	Wed 7/9/22	Thu 8/9/22
1292	Level 3 to 9	4 days	Fri 9/9/22	Wed 14/9/22
1293	Roof	2 days	Thu 15/9/22	Fri 16/9/22
1294	**T & C**	**3 days**	**Mon 19/9/22**	**Wed 21/9/22**
1295	**NEA Noise Report Submission**	**30 days**	**Mon 12/9/22**	**Fri 21/10/22**
1296	Noise Reading Record	2 days	Mon 12/9/22	Tue 13/9/22
1297	Report Preparation & Submission to NEA	28 days	Wed 14/9/22	Fri 21/10/22
1298	**Electrical Works**	**508 days**	**Wed 28/10/20**	**Thu 1/9/22**
1299	**Electrical Shop Drawing Submission**	**150 days**	**Wed 28/10/20**	**Tue 18/5/21**
1300	U/G Pipes For Electrical Services	60 days	Wed 28/10/20	Mon 18/1/21
1301	1st Sty Lighting, Power, ELV, Cable Routing Layout &	60 days	Wed 28/10/20	Mon 18/1/21
1302	2nd Sty Lighting, Power, ELV, Cable Routing Layout &	60 days	Wed 28/10/20	Mon 18/1/21
1303	3rd Sty Lighting, Power, ELV, Cable Routing Layout &	60 days	Wed 9/12/20	Fri 26/2/21
1304	4th Sty Lighting, Power, ELV, Cable Routing Layout &	60 days	Wed 9/12/20	Fri 26/2/21
1305	5th Sty Lighting, Power, ELV, Cable Routing Layout &	60 days	Wed 9/12/20	Fri 26/2/21



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Split	Inactive Milestone	Manual Summary	Deadline		
Milestone	Inactive Summary	Start-only	Critical		
Summary	Manual Task	Finish-only	Critical Split		
Project Summary	Duration-only	External Tasks	Progress		

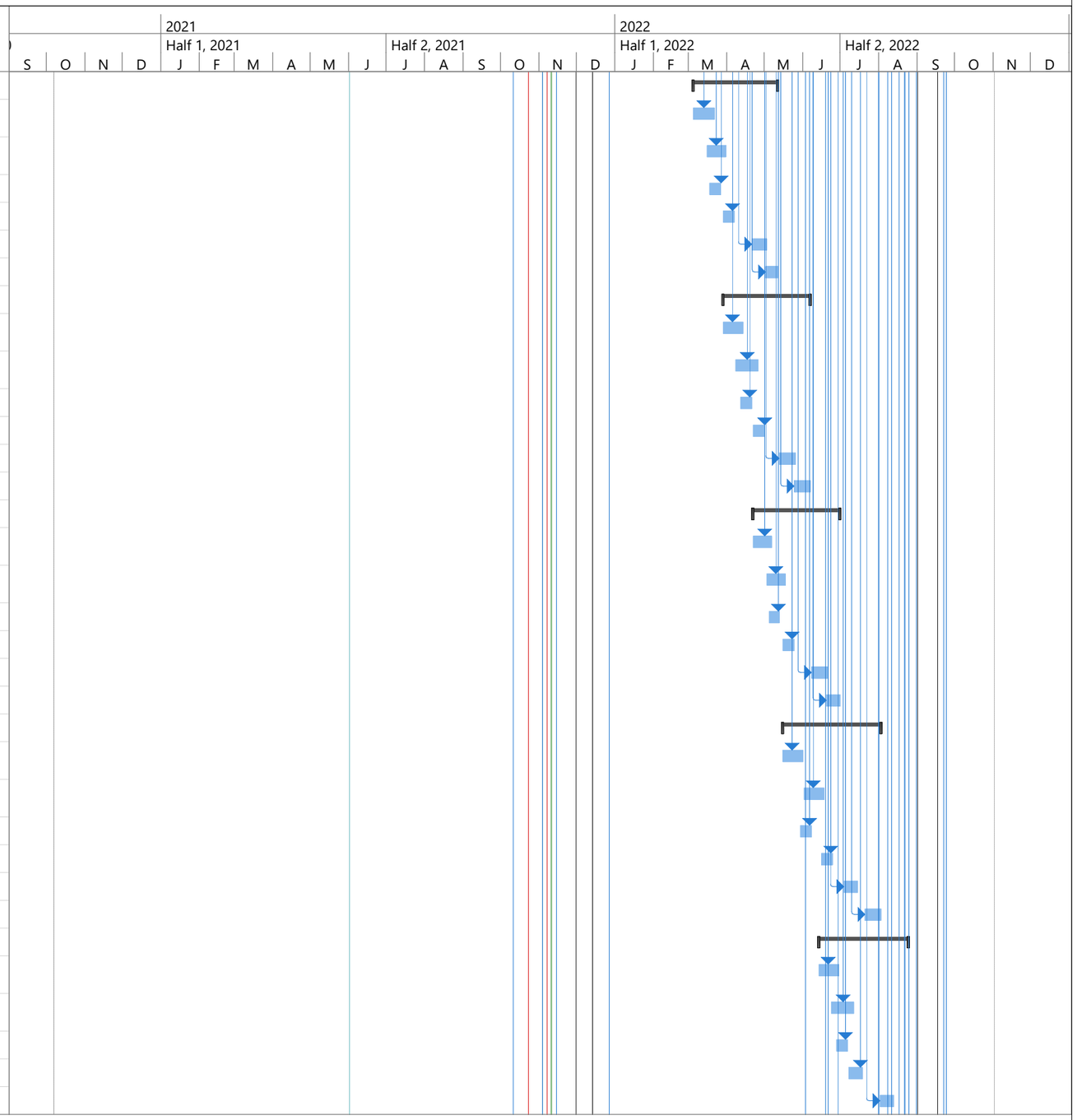
ID	Task Name	Duration	Start	Finish
1306	6th Sty Lighting, Power, ELV, Cable Routing Layout &	60 days	Wed 9/12/20	Fri 26/2/21
1307	7th Sty Lighting, Power, ELV, Cable Routing Layout &	60 days	Wed 9/12/20	Fri 26/2/21
1308	8th Sty Lighting, Power, ELV, Cable Routing Layout &	60 days	Tue 19/1/21	Fri 9/4/21
1309	9th Sty Lighting, Power, ELV, Cable Routing Layout &	60 days	Tue 19/1/21	Fri 9/4/21
1310	Roof Level Lighting, Power, ELV, Cable Routing Layou	60 days	Tue 19/1/21	Fri 9/4/21
1311	1st Sty Lightning Protection Layout	60 days	Tue 19/1/21	Fri 9/4/21
1312	Roof Lightning Protection Layout	60 days	Tue 19/1/21	Fri 9/4/21
1313	ELV Schematic Diagram	60 days	Mon 1/3/21	Tue 18/5/21
1314	Main SLD	60 days	Mon 1/3/21	Tue 18/5/21
1315	Typical Details For Lightings	60 days	Mon 1/3/21	Tue 18/5/21
1316	Typical Details For Power	60 days	Mon 1/3/21	Tue 18/5/21
1317	Outdoor Standby Genset layout	60 days	Mon 1/3/21	Tue 18/5/21
1318	Solar PV System layout	60 days	Mon 1/3/21	Tue 18/5/21
1319	**Electrical Concealed Pipes Installation**	**365 days**	**Mon 10/5/21**	**Thu 1/9/22**
1320	Electrical & TEL Lead-in Pipe Installation	26 days	Fri 22/10/21	Fri 26/11/21
1321	**1st Sty**	**52 days**	**Thu 23/12/21**	**Wed 2/3/22**
1322	First Fix - Zone A (sane as ID 393) - Those on non-structural element	12 days	Thu 23/12/21	Fri 7/1/22
1323	First Fix - Zone B (same as ID 417) - those on non-structural element	12 days	Tue 4/1/22	Wed 19/1/22
1324	2nd Fix - Zone A (same as ID 397)	7 days	Thu 6/1/22	Fri 14/1/22
1325	2nd Fix - Zone B (same as ID 421)	7 days	Tue 18/1/22	Wed 26/1/22
1326	Final Fix - Zone A (same as ID 413)	9 days	Tue 8/2/22	Fri 18/2/22
1327	Final Fix - Zone B (same as ID 437)	9 days	Fri 18/2/22	Wed 2/3/22
1328	**2nd Sty**	**52 days**	**Tue 18/1/22**	**Fri 25/3/22**
1329	First Fix - Zone A (same as ID 442) - those on non-structural element	12 days	Tue 18/1/22	Tue 1/2/22
1330	First Fix - Zone B (same as ID 469) - those on non-structural element	12 days	Fri 28/1/22	Thu 10/2/22
1331	2nd Fix - Zone A (same as ID448)	7 days	Mon 31/1/22	Mon 7/2/22
1332	2nd Fix - Zone B (same as ID475)	7 days	Wed 9/2/22	Thu 17/2/22
1333	Final Fix - Zone A (same as ID465)	9 days	Fri 4/3/22	Tue 15/3/22
1334	Final Fix - Zone B (same as ID492)	9 days	Tue 15/3/22	Fri 25/3/22
1335	**3rd sty (excluding mock-up area)**	**52 days**	**Wed 9/2/22**	**Tue 19/4/22**
1336	First Fix - Zone A (same ID504) -those on non-structural element	10 days	Wed 9/2/22	Tue 22/2/22
1337	First Fix - Zone B (same ID531) -those on non-structural element	10 days	Mon 21/2/22	Fri 4/3/22
1338	2nd Fix - Zone A (same as ID510)	7 days	Wed 23/2/22	Thu 3/3/22
1339	2nd Fix - Zone B (same as ID537)	7 days	Sat 5/3/22	Mon 14/3/22
1340	Final Fix - Zone A (same as ID527)	9 days	Mon 28/3/22	Thu 7/4/22
1341	Final Fix - Zone B (same as ID554)	9 days	Thu 7/4/22	Tue 19/4/22



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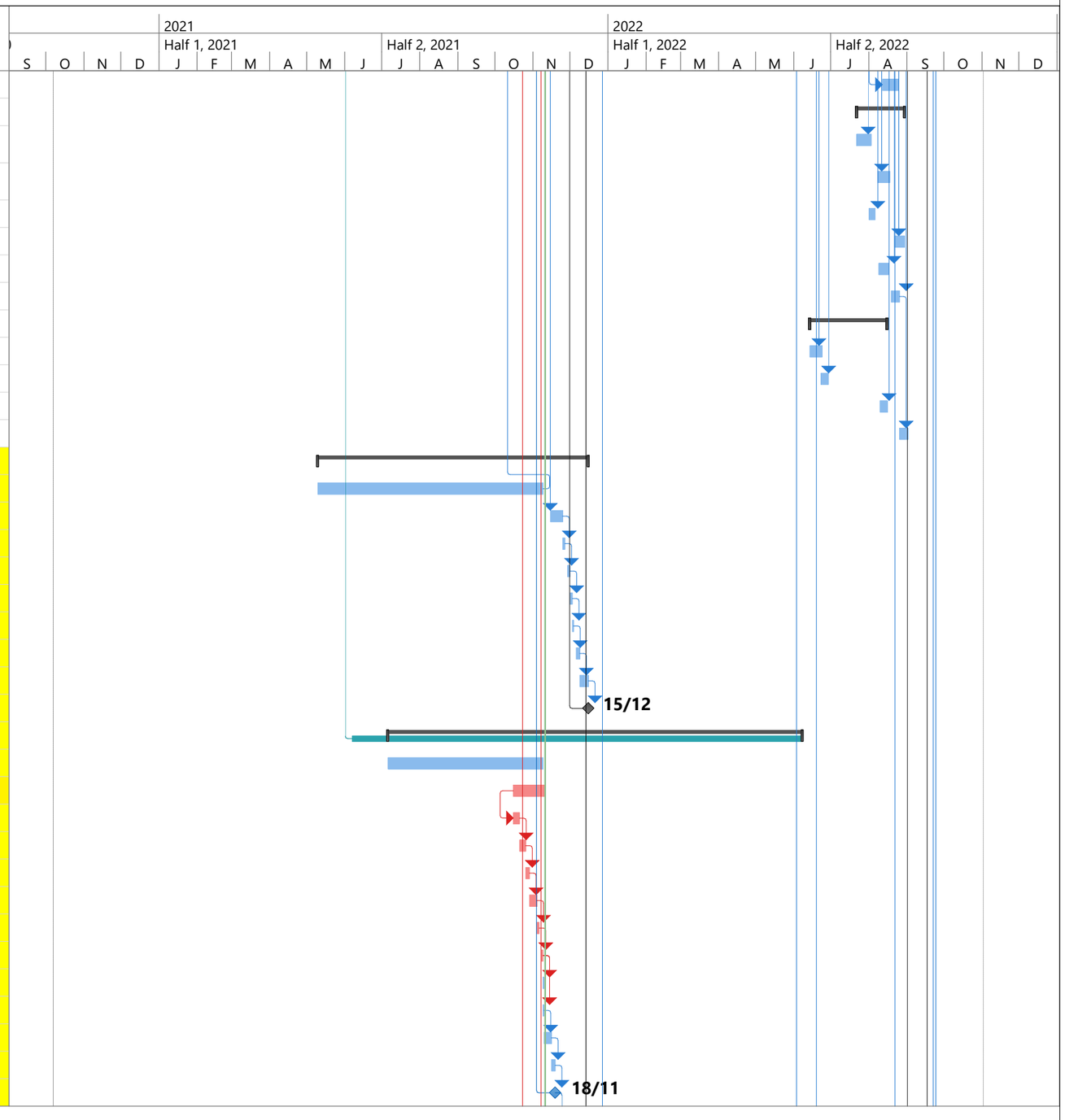
ID	Task Name	Duration	Start	Finish
1342	**4th Storey**	**52 days**	**Sat 5/3/22**	**Wed 11/5/22**
1343	First Fix - Zone A (same as ID559) - those on non-structural element	12 days	Sat 5/3/22	Mon 21/3/22
1344	First Fix - Zone B (same as ID586) - those on non-structural element	12 days	Wed 16/3/22	Wed 30/3/22
1345	2nd Fix - Zone A (same as ID565)	7 days	Fri 18/3/22	Sat 26/3/22
1346	2nd Fix - Zone B (same as ID592)	7 days	Tue 29/3/22	Wed 6/4/22
1347	Final Fix - Zone A (same as ID582)	9 days	Thu 21/4/22	Mon 2/5/22
1348	Final Fix - Zone B (same as ID609)	9 days	Mon 2/5/22	Wed 11/5/22
1349	**5th Sty**	**52 days**	**Tue 29/3/22**	**Mon 6/6/22**
1350	First Fix - Zone A (same as ID614) -those on non-structural element	12 days	Tue 29/3/22	Wed 13/4/22
1351	First Fix - Zone B (same as ID641) -those on non-structural element	12 days	Fri 8/4/22	Mon 25/4/22
1352	2nd Fix - Zone A (same as ID620)	7 days	Tue 12/4/22	Wed 20/4/22
1353	2nd Fix - Zone B (same as ID647)	7 days	Fri 22/4/22	Sat 30/4/22
1354	Final Fix - Zone A (same as ID637)	9 days	Fri 13/5/22	Wed 25/5/22
1355	Final Fix - Zone B (same as ID664)	9 days	Wed 25/5/22	Mon 6/6/22
1356	**6th Sty**	**52 days**	**Fri 22/4/22**	**Thu 30/6/22**
1357	First Fix - Zone A (same as ID 669) - those on non-structural element	12 days	Fri 22/4/22	Fri 6/5/22
1358	First Fix - Zone B (same as ID 696) - those on non-structural element	12 days	Tue 3/5/22	Tue 17/5/22
1359	2nd Fix - Zone A (same as ID675)	7 days	Thu 5/5/22	Thu 12/5/22
1360	2nd Fix - Zone B (same as ID702)	7 days	Mon 16/5/22	Tue 24/5/22
1361	Final Fix - Zone A (same as ID692)	9 days	Wed 8/6/22	Mon 20/6/22
1362	Final Fix - Zone B (same as ID719)	9 days	Mon 20/6/22	Thu 30/6/22
1363	**7th Sty**	**57 days**	**Mon 16/5/22**	**Tue 2/8/22**
1364	First Fix - Zone A (same as ID724) - those on non-structural element	12 days	Mon 16/5/22	Tue 31/5/22
1365	First Fix - Zone B (same as ID751) - those on non-structural element	12 days	Thu 2/6/22	Fri 17/6/22
1366	2nd Fix - Zone A (same as ID730)	7 days	Mon 30/5/22	Tue 7/6/22
1367	2nd Fix - Zone B (same as ID757)	7 days	Thu 16/6/22	Fri 24/6/22
1368	Final Fix - Zone A (same as ID 747)	9 days	Mon 4/7/22	Thu 14/7/22
1369	Final Fix - Zone B (same as ID 774)	9 days	Thu 21/7/22	Tue 2/8/22
1370	**8th Sty**	**52 days**	**Tue 14/6/22**	**Wed 24/8/22**
1371	First Fix - Zone A (same as ID779) - those on non-structural element	12 days	Tue 14/6/22	Wed 29/6/22
1372	First Fix - Zone B (same as ID806) - those on non-structural element	12 days	Fri 24/6/22	Mon 11/7/22
1373	2nd Fix - Zone A (same as ID785)	7 days	Tue 28/6/22	Wed 6/7/22
1374	2nd Fix - Zone B (same as ID812)	7 days	Fri 8/7/22	Mon 18/7/22
1375	Final Fix - Zone A (same as ID802)	9 days	Tue 2/8/22	Fri 12/8/22



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Milestone	Inactive Summary	Start-only	Critical		
Summary	Manual Task	Finish-only	Critical Split		
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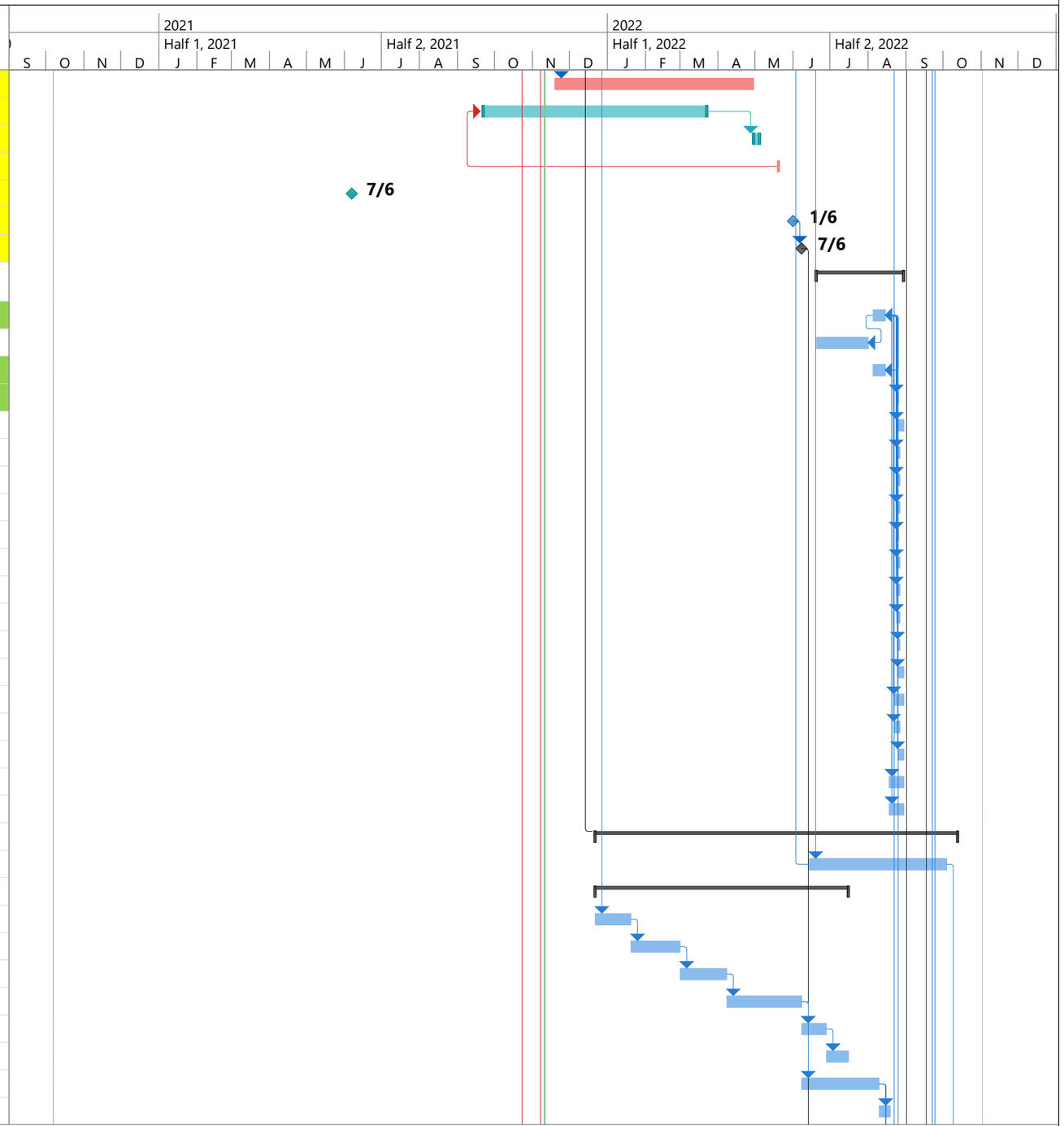
ID	Task Name	Duration	Start	Finish
1376	Final Fix - Zone B (same as ID829)	9 days	Fri 12/8/22	Wed 24/8/22
1377	**9th Sty**	**27 days**	**Fri 22/7/22**	**Mon 29/8/22**
1378	First Fix - Zone A (same as ID834) - those on non-structural element	8 days	Fri 22/7/22	Tue 2/8/22
1379	First Fix - External (same as ID864) - those on non-structural element	8 days	Mon 8/8/22	Wed 17/8/22
1380	2nd Fix - Zone A (same as ID840)	5 days	Mon 1/8/22	Fri 5/8/22
1381	2nd Fix - External (same as ID865)	6 days	Mon 22/8/22	Mon 29/8/22
1382	Final Fix - Zone A (same as ID857)	6 days	Tue 9/8/22	Tue 16/8/22
1383	Final Fix - External (same as ID868)	5 days	Fri 19/8/22	Thu 25/8/22
1384	**Roof**	**45 days**	**Tue 14/6/22**	**Mon 15/8/22**
1385	First Fix - (same as ID872)	8 days	Tue 14/6/22	Thu 23/6/22
1386	2nd Fix - (same as ID873)	4 days	Thu 23/6/22	Tue 28/6/22
1387	Final Fix - (same as ID880)	4 days	Wed 10/8/22	Mon 15/8/22
1388	T&C For Electrical	5 days	Fri 26/8/22	Thu 1/9/22
1389	**MDF Works**	**173 days**	**Mon 10/5/21**	**Wed 15/12/21**
1390	Lead-in pipe installation	146 days	Mon 10/5/21	Mon 8/11/21
1391	MDF Arch Works & M&E Works	8 days	Mon 15/11/21	Wed 24/11/21
1392	Inspection By Consultants	2 days	Thu 25/11/21	Fri 26/11/21
1393	Rectification work	2 days	Mon 29/11/21	Tue 30/11/21
1394	Re-Inspection By Consultants	2 days	Wed 1/12/21	Thu 2/12/21
1395	Inspection By Singtel, Starhub & Netlink	1 day	Fri 3/12/21	Fri 3/12/21
1396	Rectification work	3 days	Mon 6/12/21	Wed 8/12/21
1397	Re-Inspection By Singtel, Starhub & Netlink	5 days	Thu 9/12/21	Wed 15/12/21
1398	**Handover of MDF Room**	**0 days**	**Wed 15/12/21**	**Wed 15/12/21**
1399	**ESS Works**	**255 days**	**Tue 6/7/21**	**Tue 7/6/22**
1400	Lead-in pipe installation	98 days	Tue 6/7/21	Mon 8/11/21
1401	Draw Pit, RC Trench & Arch Works	19 days	Sat 16/10/21	Wed 10/11/21
1402	Surface Preparation Works	4 days	Sat 16/10/21	Wed 20/10/21
1403	M&E 1st Fix	3 days	Thu 21/10/21	Mon 25/10/21
1404	M&E 2nd Fix	3 days	Tue 26/10/21	Thu 28/10/21
1405	M&E Final Fix	4 days	Fri 29/10/21	Wed 3/11/21
1406	Internal Inspection (to include Mandrel test)	2 days	Thu 4/11/21	Fri 5/11/21
1407	Inspection By Consultants	1 day	Mon 8/11/21	Mon 8/11/21
1408	Mandrel Test	1 day	Tue 9/11/21	Tue 9/11/21
1409	Inspection by SPPG	1 day	Tue 9/11/21	Tue 9/11/21
1410	Rectification work	4 days	Wed 10/11/21	Mon 15/11/21
1411	RE-inspection by SPPG	3 days	Tue 16/11/21	Thu 18/11/21
1412	**Inspection & Hand Over To PG**	**0 days**	**Thu 18/11/21**	**Thu 18/11/21**



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Task	Inactive Task	Manual Summary Rollup	External Milestone	Manual Progress
Split	Inactive Milestone	Manual Summary	Deadline	
Milestone	Inactive Summary	Start-only	Critical	
Summary	Manual Task	Finish-only	Critical Split	
Project Summary	Duration-only	External Tasks	Progress	

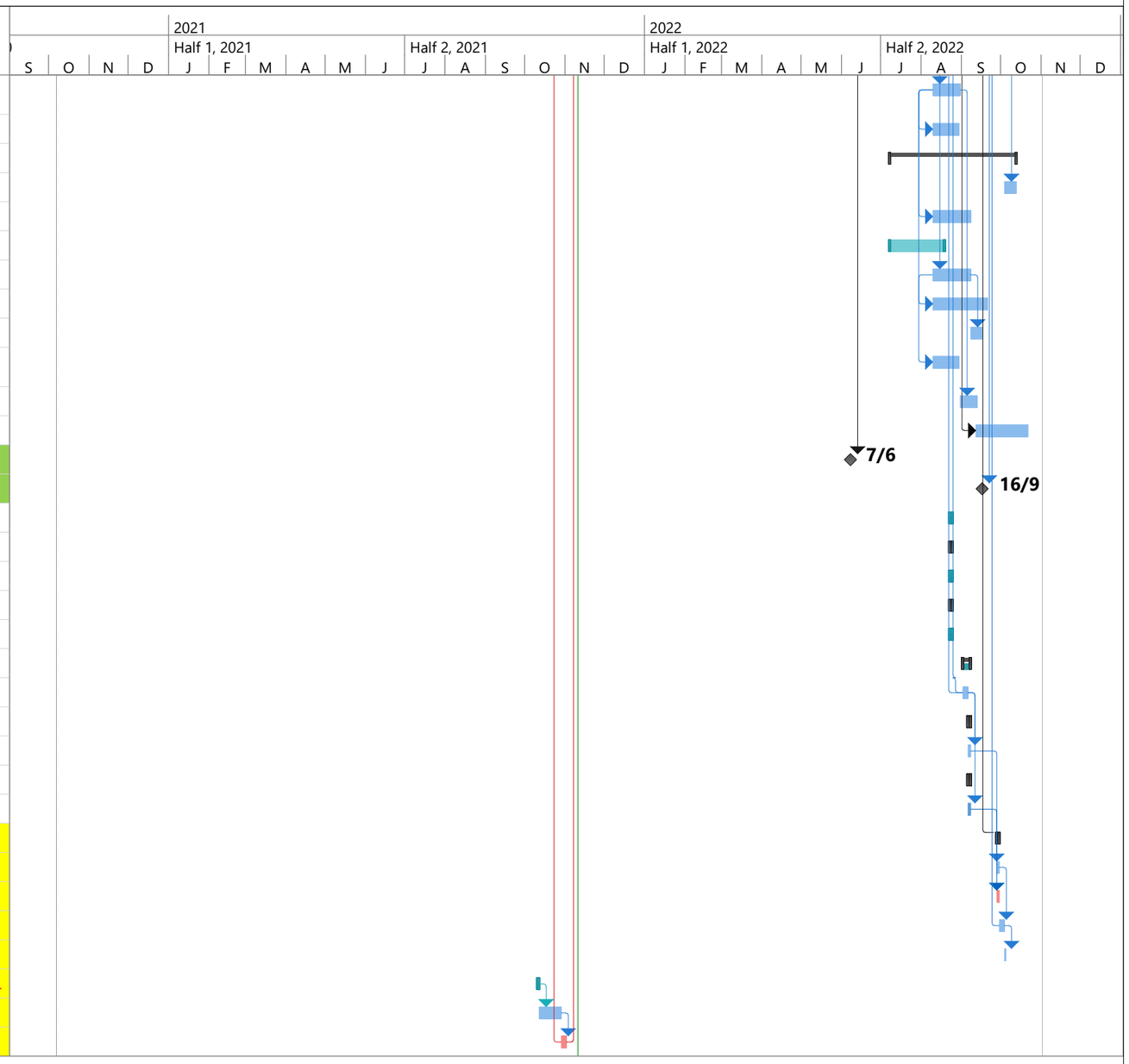
ID	Task Name	Duration	Start	Finish
1413	Equipment By SPPG	120 days	Fri 19/11/21	Fri 29/4/22
1414	Lead Time For EMSB and MSB	136 days	Wed 22/9/21	Tue 22/3/22
1415	Installation of PG Meter	4 days	Sat 30/4/22	Wed 4/5/22
1416	PG Energization	2 days	Thu 19/5/22	Fri 20/5/22
1417	**Power Turn-On**	**0 days**	**Mon 7/6/21**	**Mon 7/6/21**
1418	Genset Delivery Date	0 days	Wed 1/6/22	Wed 1/6/22
1419	**Power Turn-On**	**0 days**	**Tue 7/6/22**	**Tue 7/6/22**
1420	**T&C For Following Services (Commisioned before Pre-RI Inspection)**	**51 days**	**Mon 20/6/22**	**Mon 29/8/22**
1421	PA Address System Installation	6 days	Fri 5/8/22	Mon 15/8/22
1422	Lighting, Power & Fan Installation System	30 days	Mon 20/6/22	Mon 1/8/22
1423	Lightning Protection System Installation	6 days	Fri 5/8/22	Mon 15/8/22
1424	Carpark Barrier System Installation	2 days	Wed 24/8/22	Thu 25/8/22
1425	Card Access System Installation	4 days	Wed 24/8/22	Mon 29/8/22
1426	CCTV System Installation	3 days	Wed 24/8/22	Fri 26/8/22
1427	DTV System Installation	3 days	Wed 24/8/22	Fri 26/8/22
1428	Nurse Call System Installation	3 days	Wed 24/8/22	Fri 26/8/22
1429	Guard Tour System Installation	2 days	Wed 24/8/22	Thu 25/8/22
1430	Fireman Intercom System Installation	3 days	Wed 24/8/22	Fri 26/8/22
1431	Audio Intercom System Installation	3 days	Wed 24/8/22	Fri 26/8/22
1432	Electromagnetic Door Holder system Installation	3 days	Wed 24/8/22	Fri 26/8/22
1433	HD Emergency Call Bell System Installation	2 days	Thu 25/8/22	Fri 26/8/22
1434	Solar PV System Installation	3 days	Thu 25/8/22	Mon 29/8/22
1435	Data System Installation	6 days	Mon 22/8/22	Mon 29/8/22
1436	Telephone Cable System Installation	5 days	Mon 22/8/22	Fri 26/8/22
1437	400 KVA Genset Installation	3 days	Thu 25/8/22	Mon 29/8/22
1438	External landscape Lighting Installation	8 days	Thu 18/8/22	Mon 29/8/22
1439	ELV System	8 days	Thu 18/8/22	Mon 29/8/22
1440	**External Works**	**217 days**	**Wed 22/12/21**	**Wed 12/10/22**
1441	Building Exterior Skim Coat & Paint Works	80 days	Tue 14/6/22	Mon 3/10/22
1442	**Linkway Works**	**154 days**	**Wed 22/12/21**	**Fri 15/7/22**
1443	Material Selection and Coordination with HDB Linkway	21 days	Wed 22/12/21	Wed 19/1/22
1444	Material & Shopdrawing Submission	30 days	Thu 20/1/22	Mon 28/2/22
1445	Material Procurement Lead Time	30 days	Tue 1/3/22	Thu 7/4/22
1446	Footing & Columns Installation	45 days	Fri 8/4/22	Tue 7/6/22
1447	Linkway Roof Delivery & Installation	14 days	Wed 8/6/22	Mon 27/6/22
1448	M&E Fittings Installation	14 days	Tue 28/6/22	Fri 15/7/22
1449	Kerb & Apron Drains Works	45 days	Wed 8/6/22	Tue 9/8/22
1450	Post-Con CCTV	7 days	Wed 10/8/22	Thu 18/8/22



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Milestone	Inactive Summary	Start-only	Critical	
Summary	Manual Task	Finish-only	Critical Split	
Project Summary	Duration-only	External Tasks	Progress	

ID	Task Name	Duration	Start	Finish
1451	Culvert, Driveway, Footpath & Ramp, Traffic Signages & Traffic Markings	15 days	Wed 10/8/22	Tue 30/8/22
1452	Railing Installation	14 days	Wed 10/8/22	Mon 29/8/22
1453	**Building Signages**	69 days	Fri 8/7/22	Wed 12/10/22
1454	Building Façade Signage	7 days	Tue 4/10/22	Wed 12/10/22
1455	Building Front Signage (including Footing & Wall)	21 days	Wed 10/8/22	Wed 7/9/22
1456	2nd Storey Steel Canopies	30 days	Fri 8/7/22	Thu 18/8/22
1457	Fencing Works	21 days	Wed 10/8/22	Wed 7/9/22
1458	Landscaping Works	30 days	Wed 10/8/22	Tue 20/9/22
1459	Bicycle Racks, Bollards & Other Fitment Installation	7 days	Thu 8/9/22	Fri 16/9/22
1460	Fire Engine Accessway, Carpark Lots & Pedestrian Crossing Painting & Signgages	14 days	Wed 10/8/22	Mon 29/8/22
1461	As-built (ST & AMSL + Site Plan) Submissions	9 days	Wed 31/8/22	Mon 12/9/22
1462	**NEA Noise Report Submission**	**30 days**	**Mon 12/9/22**	**Fri 21/10/22**
1463	**Power Turn-On**	**0 days**	**Tue 7/6/22**	**Tue 7/6/22**
1464	**Water Turn-on**	**0 days**	**Fri 16/9/22**	**Fri 16/9/22**
1465	**Pre-RI Inspection 1**	**2 days**	**Tue 23/8/22**	**Wed 24/8/22**
1466	**M&E Pre-RI 1**	**2 days**	**Tue 23/8/22**	**Wed 24/8/22**
1467	Pre-RI Inspection 1 (one month before RI Inspection)	2 days	Tue 23/8/22	Wed 24/8/22
1468	**Architectural Pre-RI 1**	**2 days**	**Tue 23/8/22**	**Wed 24/8/22**
1469	Pre-RI Inspection 1 (one month before RI Inspection)	2 days	Tue 23/8/22	Wed 24/8/22
1470	**Pre-RI Inspection 2**	**4 days**	**Fri 2/9/22**	**Wed 7/9/22**
1471	Combined T&C	2 days	Fri 2/9/22	Mon 5/9/22
1472	**M&E Pre-RI 2**	**2 days**	**Tue 6/9/22**	**Wed 7/9/22**
1473	Pre-RI Inspection 2	2 days	Tue 6/9/22	Wed 7/9/22
1474	**Architecutural Pre-RI 2**	**2 days**	**Tue 6/9/22**	**Wed 7/9/22**
1475	Pre-RI Inspection 2	2 days	Tue 6/9/22	Wed 7/9/22
1476	**RI Inspection**	**2 days**	**Wed 28/9/22**	**Thu 29/9/22**
1477	M&E RI Inspection	2 days	Wed 28/9/22	Thu 29/9/22
1478	Architectural RI Inspection	2 days	Wed 28/9/22	Thu 29/9/22
1479	Pre-TOP Inspection	2 days	Fri 30/9/22	Mon 3/10/22
1480	TOP Notice for Inspection	1 day	Tue 4/10/22	Tue 4/10/22
1481	TOP Inspection	1 day	Mon 11/10/21	Mon 11/10/21
1482	TOP Comment Remedial (if any)	14 days	Tue 12/10/21	Thu 28/10/21
1483	Obtain TOP Cert & Handover	2 days	Fri 29/10/21	Mon 1/11/21



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Split	Inactive Milestone	Manual Summary	Deadline	
Milestone	Inactive Summary	Start-only	Critical	
Summary	Manual Task	Finish-only	Critical Split	
Project Summary	Duration-only	External Tasks	Progress	

SECTION 4

PROGRAMME

4.2 Authority Submission Status for M&E Services – 1st Submission

Service	Authority	Original Submission		Comments/Resubmission						Approval/
		Scheduled	Actual	Comment	Resubmit	Comment	Resubmit	Comment	Resubmit	Clearance
Application for Electricity Supply	SP Services Ltd	20-Sept 2019	23-Sept 2019							25-Sept 2019
Power Supply Substation	SP PowerGrid Ltd	12 Nov 2019	8 Nov 2019	18 Nov 2019	3 Dec 2019					13 Feb 2020
Sanitary Installation	PUB Water Reclamation (Network) Dept	20 Mar 2020	28 Sep 2020							21 Oct 2020
Domestic Water Supply	PUB (Water Supply) Network Dept	24 Jan 2020	3 Aug 2020	15 Sep 2020	15 Dec 2020	29 Jan 2021	24 Feb 2021	2 Mar 2021	11 Mar 2021	7 Apr 2021
Gas Supply Installation	City Gas Pte Ltd	28 Feb 2020	17 Aug 2020	24 Aug 2020	21 Sep 2020	14 Oct 2020	10 Dec 2020			11 Jan 2021
Air Conditioning & Ventilation Inst.	FSSD	10 Jan 2020	6 May 2020							2 Jun 2020
Fire Fighting & Alarm Installation	FSSD	7 Feb 2020	6 May 2020							2 Jun 2020
Emergency Voice Communication	FSSD	28 Feb 2020	6 Aug 2020	2 Sep 2020						16 Sep 2020
Telecommunication Facilities	TFCC	12 Nov 2019	15 Nov 2019	13 Dec 2019	21 Jan 2020					12 Feb 2020
	NEA (Pollution Control)									

SECTION 4

PROGRAMME

4.3 Authority Submission Status for M&E Services (Amendments) - 2nd Submission – NOT APPLICABLE

Service	Authority	Original Submission		Comments/Resubmission						Approval/
		Scheduled	Actual	Comment	Resubmit	Comment	Resubmit	Comment	Resubmit	Clearance
Application for Electricity Supply	SP Services Ltd									
Power Supply Substation	SP PowerGrid Ltd									
Sanitary Installation	PUB Water Reclamation (Network) Dept									
Domestic Water Supply	PUB (Water Supply) Network Dept									
Gas Supply Installation	City Gas Pte Ltd									
Air Conditioning & Ventilation Inst.	FSSD									
Fire Fighting & Alarm Installation	FSSD									
Emergency Voice Communication	FSSD									
Telephone Installation	TFCC									
Broadband Co-axial Cable System (BCS)	Starhub Cable Vision									
Fuel Storage	FSSD									
	NEA (Pollution Control)									

SECTION 5

PROJECT RECORDS

5.1 List of Internal Files

Standard Files

File Ref:		File Ref:	
- Owner	✓	- Architect	
- Authorities	✓	- Other Consultants	
- Contractors		- CC	
- CF	✓	- PQP/QSP	✓

Project Files to be initiated by PM as and when required

File Ref:		File Ref:		File Ref:	
- EC/MC	✓				

(✓*where applicable*)

SECTION 5

PROJECT RECORDS

5.2 Filing of Drawings

The following team members shall take charge of filing of drawings, stamping "SUPERSEDED" drawings, etc.

Description	Team Member
Incoming Architectural Floor Plans	Soft copy saved in server
Incoming Architectural Sketches / Details	
Incoming Structural Drawings	
M&E Drawings - Electrical Installation - Lift Installation - Air Conditioning & Ventilation Installation - Fire Fighting & Alarm Installation - Plumbing & Sanitary Installation	
Other Drawings	

SECTION 6

INTERFACING

6.1 Method of Interface

Description	Method of Interface	
Client's Review & Approval	M&E Design Report	✓
	Pre-planned meeting at fixed intervals	✓
	Telefax, letter and telephone	✓
	Email	✓
Interface With External Design Teams	M&E Design Report	✓
	Pre-planned meeting at fixed intervals	✓
	Telefax, letter and telephone	✓
	Email	✓
Interface Between Internal Design Teams	Telephone	✓
	Email	✓
	Internal Project Team Meeting	✓
	Circulation of Information	✓

(✓*where applicable*)

SECTION 6

INTERFACING

6.2 Internal Design Interface

Item No.	Description*	Required From	Required By	Date Required	Remarks
1	Equipment Load	AWL	LCY	Oct 2019	

** Information required by INTERNAL DESIGN TEAM MEMBERS*

SECTION 6

INTERFACING

6.3 Circulation of Documents to External Parties

	Code: A – Approval Required C – For Comments I – For Information Only	Client/ Client Rep.	* Client's Project Manager	Architect	Structural Engineer	Quantity Surveyor	
1.	**Letters/Fax:**						
a.	Project Design	A	I	I	-	-	
b.	Project Administration						
c.	Project Cost Estimate/Contract Cost	A	I	I	-	I	
2.	**Drawings**						
a.	Outline Design Drgs.	A	I	C	I	I	
b.	Sketch Design Drgs.	A	I	C	I	I	
c.	Final Design Drgs.	A	I	C	I	I	
d.	Shop Drawings	I	I	A	-	-	
e.	As Built Drgs.	I	I	I	-	-	
3.	**Other Document**						
a.	Specification	A	I	I	I	I	
b.	Tender Document	A	I	I	I	I	
c.	Tender Evaluation Report	A	I	I	I	I	
d.	Design Report	A	I	I	-	-	
e.	Progress Report	-	-	-	-	-	
f.	Financial Report	-	-	-	-	-	
g.	Minutes of Meeting	A	I	I	-	-	
h.	Inspection Report	I	I	I	-	-	
i.	Testing & Comm. Report	I	I	I	-	-	
j.	O & M Manual	I	I	I	-	-	

*Note: Applicable only, if the client engaged a Project Manager.

SECTION 7

WORK AUTHORISATION

Activity \ Authorised Signatories	PD	QP	PM	AE	SS
General Correspondences with Client			√	√	
General Correspondences with Other Consultants			√	√	
M&E Cost Estimate Report	√	√	√		
M&E Design Report	√	√	√		
Check Prints		√			
Tender Drawing Approval	√	√	√		
Tender Specification Approval	√	√	√		
List of Tenderers	√	√	√		
Tender Questionnaires	√	√	√		
Tender Reports	√	√	√		
Draft Letter of Award	√	√	√		
Review of Contractor's Shop Drawing			√	√	
Review of Contractor's Technical Submittal			√	√	
Review of Contractor's Sample Submittal			√	√	
Contractor's Request for Deviation		√	√		
Progress Payment Valuation Form	√		√		
Final Account Valuation	√		√		
Draft Variation Order	√		√		
Engineer/Architect's Instruction/Direction	√		√		
Site Instruction/Direction			√		
Correspondence/Submission to Authorities	√	√			

(✓*where authorised*)

Key to abbreviations:-

PD : Project Director
QP : Qualified Person
PM : Project Manager/Assistant Project Manager
AE : Assistant Engineer
SS : ACEPL Site Staff

SECTION 8

DESIGN INPUT & METHODOLOGY

8.1 List of Client's Standards, Reference Documents or Brief

ITEM	KEPT BY
Facility Guidelines for Nursing Homes	Soft copy saved in server
IT Infrastructure Guidelines for Nursing Homes	
IT Infrastructure Checklist (Design Requirement)	
IT Infrastructure Checklist (Infrastructure Requirement)	
MOH Licensing Requirements for Nursing Homes	
MEP Guidelines Checklist for Nursing Homes	
Nursing Home Checklist	
Precast Guidelines for Nursing Homes	
Design for Maintainability Checklist	
Project Brief (MEP Design Guide)	
SCC Design Brief	
Request for Approval to Order Variation	
Appendix 1 LAT Flowchart	
Appendix 2 LAT Form For Reference	
Lift Specification Enhancement Rev 2	

8.2 List of Applicable Code of Practice and Regulations

Services	Title of Code of Practice/Standard
Electrical Wiring	SS 636 : 2018
Lightning Protection System	SS 555 : 2018
Emergency Voice Communication System	SS 546 : 2009
Telecommunication Facilities	Code of Info-Communication Facilities for Buildings 2018
Air Conditioning & Ventilation Installation	SS 553 : 2016
Lift Installation	SS 550 : 2009
Sprinkler System	SS CP 52 : 2004
Dry Riser & Hosereel System	SS 575 : 2012
Automatic Fire Alarm System	SS 645 : 2019
Sanitary System	Code of Practice on Sewerage & Sanitary Works 2019
Plumbing System	SS 636 : 2018
Town Gas/LPG Supply System	SS 608 : 2015

SECTION 8

DESIGN INPUT & METHODOLOGY

8.3 List of Design Guide or Handbook Used

Carrier's Handbook of Air Conditioning System Design

ASHRAE Handbooks

Institute of Plumbing's Plumbing Services Design Guide

8.4 List of Pre-Consultation and Waiver – NOT APPLICABLE

S/N	Description	Date of Application	Date of Approval	Remarks
1	*Clause number in Code of Practice for (Services) which require clarification or waiver. Consultation Ref No. Waiver Ref. No.			
2	*Clause number in Code of Practice for (Services) which require clarification or waiver. Consultation Ref No. Waiver Ref. No.			
3	*Clause number in Code of Practice for (Services) which require clarification or waiver. Consultation Ref No. Waiver Ref. No.			

8.5 List of Applicable Quality System Procedures

Alpha Consulting Engineers Pte Ltd's Quality Management System Procedures

Section	Title	✓ where applicable
M1	Preparation of Consultancy Offer	✓
M2	Project Commissioning and Service Agreement	✓
M3	Design Control	✓
M4	Design Change Control	✓
M5	Tender Process and Evaluation	✓
M6	Authority Submission	✓
M7	Construction Process Control	✓
M8	Testing and Commissioning	✓
S1	Document Control	✓
S2	Documentation of Quality & Environmental Management System Procedure	✓
S3	Documentation of Project Quality Plan	✓
S4	Specification Control	✓
S5	Library Control	
S6	Archive Control	✓
S7	Filing Control	✓
S8	Drawing Control	✓
S9	Administration Control	✓
S10	Purchasing Control	
S11	Training Control	
S12	Computer Control	
S13	Non-Conformity and Corrective Action Procedures	✓
S14	Quality & Environmental System Audit	✓
S15	Feedback Reporting	✓
S16	Clients Feedback	✓
S17	Management Review	✓
S18	Risk Identification, Assessment & Control	✓

8.6 List of Software Used For Design/Analysis

DESCRIPTION/ PACKAGE NAME	VERSION	SUPPLIER/ SOURCE	PURPOSE	
Calculux	2.30	Philips	Lighting design	
Cophos	3.31	Zumtobel	Lighting design	
Dialux	4.11	Freeware	Lighting design	
Carrier E20-II	3.21	Carrier	Programme for determination of heat load, duct size and its losses, etc.	✓
Gensize 2	2.1	Onan	Generator sizing	
Lift Traffic	7.18	Elevate	Lift traffic calculation	✓
Econdial	2.5	Merlin Gerlin	Design for low voltage network	
Hyena	4.00.1	ACADS-BSG	Fire Sprinkler & Hydrant Analysis	
Fault Level Calculation	11.11	ETAP	Calculation of fault level and voltage drop	

(✓*where applicable*)

SECTION 9

ENVIRONMENTAL CONSIDERATIONS

9.1 Sustainable Design Features / Criteria

Item	Remarks
Green Mark criteria	Green Mark Certified
Green Design Features	-

9.2 Site PPE Requirement

The necessary Personal Protective Equipment (detailed below) shall be provided by the main contractor/Company in accordance to the site EHS requirements prior to the site monitoring.

PPE	✓ where applicable
Safety Helmet	✓
Safety Shoes	✓
Eye Protection	-
Ear Protection	-
Safety Harness / Belt	-
Others:	-

9.3 Site Emergency Preparedness

Site staff shall comply with the site emergency preparedness and response procedure, established by the main contractor/owner, which shall include the following details.

Items	✓ where applicable
Evacuation Route	✓
Emergency Exit	✓
Assembly Point	✓
Emergency Contact List / Person	✓
Alarm system / methods	✓

SECTION 9

ENVIRONMENTAL CONSIDERATIONS

9.4 Reporting of Environmental Non-conformances

When encountering environmental non-conformances, Site Staff shall be responsible to feedback to the main contractor.

9.5 List of Applicable Environmental Management System Procedures

Alpha Consulting Engineers Pte Ltd's Environmental Management System Procedures

Section	Title	✓ where applicable
E1	Aspect / Impact Identification, Risk Assessment & Risk Control	✓
E2	Identifying Legal & Other Requirements	✓
E3	Objectives, Targets & Programmes	✓
E4	Communication	✓
E5	Emergency Preparedness & Response	✓
E6	Monitoring & Measurement	✓
E7	Control of Air & Noise Pollution	✓
E8	Management of Wastes	✓

SECTION 10

CLIENT'S REQUIREMENTS

10.1 List of Output Required by Client:-

Item	* Remarks
M&E Design Report	A
M&E Cost Estimate Report	A
Pre-Qualification of Tenderers	NA
Tender Documents	A
Tender Report	A
Payment Valuation for QS	A
Certificates of Supervision for TOP/CSC	I

* *Remarks*

A: for approval *C: for comment* *I: for Information* *Re: for record*

Other purposes and for action: please specify.

10.2 Specific Procedures Required By Client *(If applicable)*

NOT APPLICABLE

SECTION 11

LIST OF SUB-JOB

11.1 List of Sub-Job Numbers – NOT APPLICABLE

Sub Job No	Description	Allocation Details